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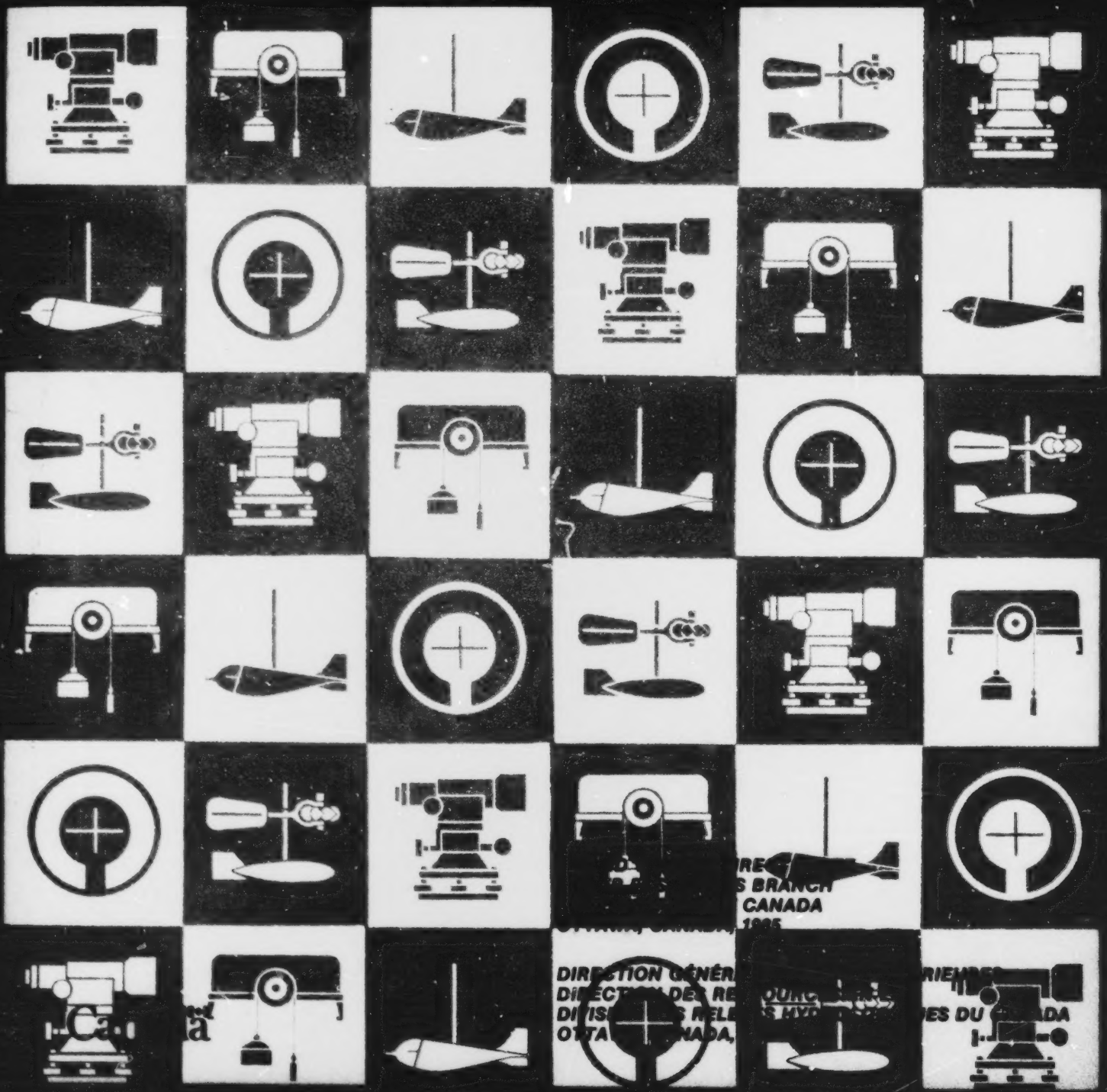
Surface Water Data

Alberta

Donnees sur les eaux de surface

1984



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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada Environnement Canada

Surface Water Data

Alberta

Données sur les eaux de surface

1984

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1985

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1985

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Calgary, Alberta.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Calgary (Alberta).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1984 calendar year, the results of the hydrometric survey investigations which were made in Alberta by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Bag 2909,
Postal Station 'M',
(Room 854,
220–4th Avenue S.E.,)
Calgary, Alberta.
T2P 2M7

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1984, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Alberta.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Sac postal 2909
Succursale postale 'M'
(Pièce 854,
220, Quatrième avenue S.–E.)
Calgary (Alberta)
T2P 2M7

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1984, the hydrometric surveys in Alberta were conducted by the Water Survey of Canada under agreement with the Province of Alberta. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1984, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Alberta en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Alberta to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Alberta for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Alberta on April 15, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Public Works;
Department of Agriculture, Research Branch.

Provincial – Alberta Forest Service;
Department of the Environment, Water Resources Branch, Alberta;
St. Mary-Milk River Development Commission, Alberta.

Municipal – City of Calgary, Alberta.

Private – Western Irrigation District;
Eastern Irrigation District;
United Irrigation District;
Lethbridge Northern Irrigation District;
Northern Transportation Company;
Syncrude Canada Limited;
TransAlta Utilities Corporation;
Canadian Utilities Limited;
North Western Pulp and Power Limited;
St. Mary River Irrigation District.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de l'Alberta a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord à pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 15 avril 1975, le gouvernement de l'Alberta a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Travaux publics,
Direction de la recherche du ministère de l'Agriculture.

Niveau provincial – *Alberta Forest Service*,
Direction des ressources en eau du ministère de l'Environnement de l'Alberta,
St. Mary-Milk River Development Commission, Alberta.

Niveau municipal – Ville de Calgary, Alberta.

Secteur privé – *Western Irrigation District*,
Eastern Irrigation District,
United Irrigation District,
Lethbridge Northern Irrigation District,
Northern Transportation Company,
Syncrude Canada Limited,
TransAlta Utilities Corporation,
Canadian Utilities Limited,
North Western Pulp and Power Limited,
St. Mary River Irrigation District.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiés dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980, are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA / DONNÉES SUR LES EAUX DE SURFACE

ADAMS CREEK NEAR KINUSO - STATION NO. 07BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0508	1.50B	1.50E	8.00 E	0.883	0.084	0 200	0.50E	0 4408	---	1
2	---	---	0 0528	1.71B	1.55E	8.01 A	0 473	0.059	0.313	0.563	0 4058	---	2
3	---	---	0 0538	1 53B	1 65E	4 14	0 388	0 054	0.891	0.611	---	---	3
4	---	---	0.0558	1.37B	1 68E	2.98	0.329	0.054	0.813	0.589	---	---	4
5	---	---	0.0568	1 568	1.70E	2.50	0.351	0.055	0.685	0.618	---	---	5
6	---	---	0 0588	1 22A	1 65E	5.21	0 898	0 075	0 692	0 540	---	---	6
7	---	---	0 0598	1 32E	1 60E	14.0	2.14	0 347	10 6	0 474	---	---	7
8	---	---	0 0618	1 42E	1 55E	10.3	2 23	0.147	6 76	0 435	---	---	8
9	---	---	0 0628	1 52A	1 48E	5 49	2 43	0 099	3 48	0 402	---	---	9
10	---	---	0 0638	1 70E	1 43A	3.33	1 52	0.114	2 36	0 377	---	---	10
11	---	---	0 0608	1 80E	1 41	2.33	1.08	0.114	1.73	0 356	---	---	11
12	---	---	0 0508	1 70E	1 38	1.88	1.08	0.108	1.49	0 330	---	---	12
13	---	---	0 0458	1 59A	1 39	1.68	1 10	1 32	1.22	0 342	---	---	13
14	---	---	0 0408	1 63	1 41	1.64	0 882	0 882	1 04	0 433	---	---	14
15	---	---	0.0408	1 86	1 57	1.33	0 679	0.912	0 900	0 411	---	---	15
16	---	---	0 0448	2 50E	2 11	1 14	0 529	0 729	0.771	0 374	---	---	16
17	---	---	0 0458	2 30E	5 26	1.11	0 521	0 548	0 877	0 3088	---	---	17
18	---	---	0 0508	2 00E	4 32	0 958	0 385	0 398	0 598	0 5758	---	---	18
19	---	---	0 0558	1 95A	3 58	0 873	0 314	0 336	0 564	0 7368	---	---	19
20	---	---	0 0608	1 82	5 08	0.813	0 263	0 591	0.493	0 791	---	---	20
21	---	---	0.0708	2 02	8 42A	0.724	0.312	0.770	0.454	0 607	---	---	21
22	---	---	0 0818	2 09A	5 30E	0.630	0.487	0 593	0.418	0 532	---	---	22
23	---	---	0 0908	2 05E	5 70E	0.575	0.338	0 432	0.393	0 537	---	---	23
24	---	---	0 1008	1 95E	5 00E	0 561	0 241	0 338	0 390	0 641	---	---	24
25	---	---	0.1208	1 90E	4 44A	0.522	0 188	0 280	0.441	0.644	---	---	25
26	---	---	0 1808	1 85E	3 88	0.475	0 148	0 213	0.433	0 4808	---	---	26
27	---	0 0488	0 2008	1 75E	3 46	0.415	0 115	0 244	0 361	0 5208	---	---	27
28	---	0 0478	0 3008	1 85E	3 23	0.324	0 104	0 394	0 381	0 5658	---	---	28
29	---	0 0458	0 4708	1 55E	3 17	0.384	0 095	0 308	0 396	0 5258	---	---	29
30	---		0 7108	1 80E	3 10	0 674	0 088	0 256	0.432	0 5058	---	---	30
31	---		1.08 B		3 08A		0 074	0 218		0 4758		---	31
TOTAL	---	---	4.450	52 42	90 05	80.878	20 232	11 139	40 396	16 080	---	---	TOTAL
MEAN	---	---	0 144	1 75	2 90	2 70	0 653	0 359	1 35	0 518	---	---	MEAN
MAX	---	---	1 08	2 50	8 42	14.0	2 43	1 32	10 6	0 796	---	---	MAX
MIN	---	---	0 040	1 22	1 38	0 324	0 074	0 084	0 200	0 308	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 14 0 ON JUN 7
MINIMUM DAILY, 0 0408 ON MAR 14
MAXIMUM INSTANTANEOUS,
18 7 AT 15 00 MST ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 05 N
LONG 115 20 30 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATUFAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 750
FEB	---	AUG	962
MAR	384	SEP	3 450
APR	4 530	OCT	1 390
MAY	7 780	NOV	---
JUN	7 000	DEC	---

TOTAL DISCHARGE, 27 300 dam³

ALKALI CREEK NEAR THE MOUTH - STATION NO 05CK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 017	0.005	0	0	0	0	0	---	---	1
2	---	---	0 B	0 017	0 004	0	0	0	0	0	---	---	2
3	---	---	0 0018	0 024	0 005	0	0	0	0	0	---	---	3
4	---	---	0 0088	0 021	0 003	0	0	0	0	0	---	---	4
5	---	---	0 0068	0 018	0 004	0	0	0	0	0	---	---	5
6	---	---	0 0058	0 016	0 004	0	0	0	0	0	---	---	6
7	---	---	0 0078	0 015	0 003	0	0	0	0	0	---	---	7
8	---	---	0 0068	0 015	0 002	0	0	0	0	0	---	---	8
9	---	---	0 0028	0 017	0 002	0	0	0	0	0	---	---	9
10	---	---	0 B	0 014	0 003	0	0	0	0	0	---	---	10
11	---	---	0 B	0 021	0 002	0	0	0	0	0	---	---	11
12	---	---	0 B	0 021	0 002	0	0	0	0	0	---	---	12
13	---	---	0 B	0 019	0 003	0	0	0	0	0	---	---	13
14	---	---	0 B	0 018	0	0 016	0	0	0	0	---	---	14
15	---	---	0 B	0 017	0	0 013	0	0	0	0	---	---	15
16	---	---	0 B	0 015	0 001	0 004	0	0	0	0	---	---	16
17	---	---	0 B	0 011	0	0.002	0	0	0	0	---	---	17
18	---	---	0 B	0.013	0	0	0	0	0	0	---	---	18
19	---	---	0.0058	0.013	0	0	0	0	0	0	---	---	19
20	---	---	0.0228	0 009	0	0	0	0	0	0	---	---	20
21	---	---	0.0288	0.005	0	0	0	0	0	0	---	---	21
22	---	---	0 0308	0 005	0	0 003	0	0	0	0	---	---	22
23	---	---	0 0308	0 005	0	0 003	0	0	0	0	---	---	23
24	---	---	0 0348	0 005	0	0	0	0	0	0	---	---	24
25	---	---	0 0328	0 005	0	0	0	0	0	0	---	---	25
26	---	---	0 0338	0 008	0	0	0	0	0	0	---	---	26
27	---	---	0 0298	0 009	0	0	0	0	0	0	---	---	27
28	---	0B	0.0278	0 007	0	0	0	0	0	0	---	---	28
29	---	0B	0 026	0 008	0	0	0	0	0	0	---	---	29
30	---		0 024	0 006	0	0	0	0	0	0A	---	---	30
31	---		0 022		0		0	0		0E		---	31
TOTAL	---	---	0.378	0 403	0.043	0.041	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 012	0 013	0 001	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0 034	0 024	0.005	0 015	0	0	0	0	---	---	MAX
MIN	---	---	0	0 005	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0.0348 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 54 N
LONG 110 30 30 W
DRAINAGE AREA, 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	32 5	SEP	0
APR	34 8	OCT	0
MAY	3 72	NOV	---
JUN	3 54	DEC	---

TOTAL DISCHARGE, 74 8 dam³

AMISK CREEK NEAR SMOKY - STATION NO. 05EB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.083	0.074	0	0.078	0.028	0	0.015	0.0588	---	1
2	---	---	0 B	0.057	0.066	0	0.068	0.025	0	0.010	0.0488	---	2
3	---	---	0 B	0.044	0.059	0	0.058	0.023	0	0.003	0.0418	---	3
4	---	---	0 B	0.030	0.051	0	0.050	0.022	0	0	0.0338	---	4
5	---	---	0 B	0.027	0.043	0.009	0.043	0.018	0	0	0.0258	---	5
6	---	---	0 B	0.043	0.035	0.018	0.044	0.017	0	0	0.0188	---	6
7	---	---	0 B	0.055	0.026	0.048	0.043	0.013	0	0	0.0088	---	7
8	---	---	0 B	0.050	0.018	0.092	0.035	0.008	0	0	0 B	---	8
9	---	---	0 B	0.043	0.010	0.118	0.027	0.002	0	0	---	---	9
10	---	---	0 B	0.040	0.005	0.130	0.018	0	0	0	---	---	10
11	---	---	0 B	0.053	0	0.139	0.010	0.005	0	0	---	---	11
12	---	---	0 B	0.061	0	0.141	0.005	0.004	0.001	0	---	---	12
13	---	---	0 B	0.128	0	0.140	0.056	0.004	0.001	0	---	---	13
14	---	---	0 B	0.187	0	0.135	0.083	0.005	0	0	---	---	14
15	---	---	0 B	0.231	0	0.130	0.083	0.003	0	0	---	---	15
16	---	---	0 B	0.188	0	0.123	0.081	0	0	0	---	---	16
17	---	---	0 B	0.146	0	0.113	0.058	0	0	0	---	---	17
18	---	---	0 B	0.126	0	0.106	0.056	0	0	0	---	---	18
19	---	---	0 B	0.110	0	0.107	0.055	0	0	0.001	---	---	19
20	---	---	0.0858	0.108	0	0.103	0.058	0	0	0.001	---	---	20
21	---	---	0.1708	0.093	0	0.096	0.061	0	0	0	---	---	21
22	---	---	0.2308	0.077	0	0.084	0.059	0	0.010	0	---	---	22
23	---	---	0.3408	0.068	0	0.078	0.058	0	0.020	0.001	---	---	23
24	---	---	0.4158	0.056	0	0.081	0.053	0	0.020	0.004	---	---	24
25	---	---	0.5038	0.049	0	0.125	0.049	0	0.021	0.010	---	---	25
26	---	---	0.4898	0.038	0	0.132	0.045	0	0.020	0.030	---	---	26
27	---	---	0.4388	0.031	0	0.122	0.043	0	0.021	0.038	---	---	27
28	---	---	0.5298	0.024	0	0.113	0.040	0	0.018	0.0988	---	---	28
29	---	---	0.5028	0.065	0	0.098	0.038	0	0.018	0.0828	---	---	29
30	---		0.4028	0.082	0	0.088	0.036	0	0.017	0.0748	---	---	30
31	---		0.239		0		0.033	0		0.0668		---	31
TOTAL	---	---	4 842	2 405	0 387	2.674	1.483	0 179	0 188	0 633	---	---	TOTAL
MEAN	---	---	0 147	0 080	0 012 E	0 089	0 047	0 006	0.006	0 014	---	---	MEAN
MAX	---	---	0 629	0.231	0 074	0 141	0 078	0 028	0 021	0 098	---	---	MAX
MIN	---	---	0	0 024	0	0	0 005	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 050
MAXIMUM DAILY, 0 6298 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 35 N
LONG 112 33 10 W
DRAINAGE AREA, 377 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	138
FEB	---	AUG	15 5
MAR	392	SEP	14 5
APR	208	OCT	37 4
MAY	33 4	NOV	---
JUN	231	DEC	---

TOTAL DISCHARGE, 1 080 dam³

AMISK RIVER AT HIGHWAY NO. 36 - STATION NO 05AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 3508	2.358	1 16	6 65	3 09	0 342	0 005E	0 105	0.8608	---	1
2	---	---	0 3558	2 438	1 04	15 0	2 77	0 431	0 005E	0 126	0 7148	---	2
3	---	---	0 3608	2 758	0 742	16 5	2 81	0 292	0 005E	0 157	0 5168	---	3
4	---	---	0 3658	3 508	0 439	17 2	2 46	0 221	0 005E	0 159	0 2448	---	4
5	---	---	0 3708	4 858	0 376	17 1	2 29	0 283	0 005E	0 118	0 0508	---	5
6	---	---	0 3658	4 908	0 342	16 8	2 22	0 251	0 014	0 183	---	---	6
7	---	---	0 3628	4 148	0 257	16 8	1 96	0 187	0 289	0 147	---	---	7
8	---	---	0 3578	3 458	0 189	16 0	1 83	0 184	0 350E	0 081	---	---	8
9	---	---	0 3518	2 748	0 169	16 3	1 78	0 157	0 340E	0 076	---	---	9
10	---	---	0 3458	2 908	0 107	17 9	1 67	0 128	0 300E	0 090	---	---	10
11	---	---	0 3258	4 588	0 085	16 8	1 57	0 055	0 271	0 063	---	---	11
12	---	---	0 3308	4 34	0 114	15 7	1 51	0 013	0 214	0 071	---	---	12
13	---	---	0 3308	4 26	0 077	14 4	1 45	0 010E	0 194	0 083	---	---	13
14	---	---	0 3308	4 08	0 014	12 8	1 40	0 010	0 170	0 078	---	---	14
15	---	---	0 3308	3 67	0 010E	11 2	1 19	0 285	0 122	0 079	---	---	15
16	---	---	0 3358	3 48	0 007	10 1	1 11	0 178	0 051	0 202	---	---	16
17	---	---	0 3408	3 23	0 115	9 26	1 04	0 085	0 020	0 532	---	---	17
18	---	---	0 3458	3 08	1 10	8 37	0 974	0 039	0 007	0 628	---	---	18
19	---	---	0 3508	3 07	1 82	7 85	0 918	0 029	0 005E	1 07	---	---	19
20	---	---	0 3558	2 95	2 01	7 88	0 927	0 019	0 005E	1 38	---	---	20
21	---	---	0 4008	2 82	2 91	7 60	0.967	0 015	0 235	1 72	---	---	21
22	---	---	0 4508	3 83	3 61	7 24	0.894	0 007	0 334	1 85	---	---	22
23	---	---	0 5008	3 48	3 82	6 80	0 826	0 011E	0 320	2 03	---	---	23
24	---	---	1 00 B	3 21	4 59	6 27	0.788	0 025E	0 399	2 18	---	---	24
25	---	---	1 50 B	2 08	5 28	5 77	0 735	0.020E	0 343	2 11	---	---	25
26	---	---	1 90 B	1 94	5 12	5 30	0 663	0 015E	0 248	1 93 B	---	---	26
27	---	---	2 00 B	1 77	5 28	4 72	0 623	0 013E	0 330	1 86 B	---	---	27
28	---	---	2 05 B	1 68	5 65	4 30	0.573	0 011E	0 309	1 41 B	---	---	28
29	---	---	2 10 B	1 51	5 45	3 86	0 531	0.009E	0 187	1 30 B	---	---	29
30	---		2 20 B	1 36	5 12	3 38	0 483	0 007E	0 119	1 09 B	---	---	30
31	---		2 26 B		5 67		0.404	0 005E		0 9328		---	31
TOTAL	---	---	23 420	91 21	62 313	332 54	42 267	3 328	5 220	23 971	---	---	TOTAL
MEAN	---	---	0 755	3 04	2 01	11 1	1 36	0 107	0 174	0 773	---	---	MEAN
MAX	---	---	2 26	4 90	5 67	18 3	3 09	0 431	0 399	2 18	---	---	MAX
MIN	---	---	0 330	1 36	0 007	3 38	0.404	0 005	0 005	0 063	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 38
MAXIMUM DAILY, 18.3 ON JUN 9
MINIMUM DAILY, 0.005E ON AUG 31
MAXIMUM INSTANTANEOUS,
18 4 AT 22:10 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 20 N
LONG 112 01 00 W
DRAINAGE AREA, 2 510 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 650
FEB	---	AUG	288
MAR	2 020	SEP	451
APR	7 680	OCT	2 070
MAY	5 380	NOV	---
JUN	26 700	DEC	---

TOTAL DISCHARGE, 50 400 dam³

ANTELOPE COULEE SPILLWAY - STATION NO. 05BN010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.071	0.115	0.123	0.217	0.118	0.068	---	---	1
2	---	---	---	---	0.073	0.120	0.124	0.235	0.117	0.065	---	---	2
3	---	---	---	---	0.076	0.124	0.126	0.240	0.119	0.058	---	---	3
4	---	---	---	---	0.072	0.111	0.145	0.243	0.121	0.055	---	---	4
5	---	---	---	---	0.073	0.117	0.140	0.250	0.111	0.055	---	---	5
6	---	---	---	---	0.077	0.124	0.140	0.238	0.119	0.055	---	---	6
7	---	---	---	---	0.066	0.132	0.144	0.226	0.121	0.053	---	---	7
8	---	---	---	---	0.069	0.142	0.149	0.227	0.113	0.051	---	---	8
9	---	---	---	---	0.057	0.156	0.163	0.226	0.106	0.050	---	---	9
10	---	---	---	---	0.050	0.139	0.162	0.229	0.109	0.049	---	---	10
11	---	---	---	---	0.046	0.116	0.270	0.227	0.113	0.050	---	---	11
12	---	---	---	---	0.069	0.421	0.221	0.220	0.108	0.049	---	---	12
13	---	---	---	---	0.073	0.107	0.161	0.201	0.106	0.049	---	---	13
14	---	---	---	---	0.075	0.087	0.164	0.181	0.104	0.046	---	---	14
15	---	---	---	---	0.077	0.088	0.151	0.175	0.102	0.046	---	---	15
16	---	---	---	---	0.089	0.097	0.164	0.171	0.100	0.048	---	---	16
17	---	---	---	---	0.124	0.095	0.167	0.177	0.098	0.050	---	---	17
18	---	---	---	---	0.142	0.093	0.165	0.154	0.105	0.022	---	---	18
19	---	---	---	0.089A	0.144	0.287	0.178	0.148	0.106	0.046	---	---	19
20	---	---	---	0.075	0.818	0.088	0.344	0.143	0.114	0.050	---	---	20
21	---	---	---	0.088	0.137	0.104	0.208	0.134	0.128	0.045	---	---	21
22	---	---	---	0.085	0.122	0.123	0.197	0.130	0.132	0.041	---	---	22
23	---	---	---	0.083	0.128	0.111	0.207	0.139	0.108	0.041	---	---	23
24	---	---	---	0.082	0.134	0.104	0.772	0.132	0.099	0.046	---	---	24
25	---	---	---	0.072	0.128	0.103	0.207	0.122	0.093	0.176	---	---	25
26	---	---	---	0.075	0.130	0.108	0.200	0.121	0.072	0.1218	---	---	26
27	---	---	---	0.078	0.130	0.117	0.204	0.117	0.071	0.1098	---	---	27
28	---	---	---	0.077	0.125	0.121	0.201	0.118	0.070	0.0808	---	---	28
29	---	---	---	0.074	0.869	0.118	0.214	0.116	0.089	0.0878	---	---	29
30	---		---	0.075	0.144	0.121	0.820	0.115	0.088	0.0858	---	---	30
31	---		---		0.132		0.220	0.117		0.0208		---	31
TOTAL	---	---	---	---	4.711	3.729	5.649	5.486	3.121	1.850	---	---	TOTAL
MEAN	---	---	---	---	0.152	0.124	0.214	0.177	0.104	0.080	---	---	MEAN
MAX	---	---	---	---	0.869	0.421	0.772	0.250	0.132	0.178	---	---	MAX
MIN	---	---	---	---	0.046	0.093	0.123	0.115	0.068	0.020	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAY TO OCT

MEAN, 0.139
MAXIMUM DAILY, 0.869 ON MAY 29
MINIMUM DAILY, 0.0208 ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 20 N
LONG 112 08 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	574
FEB	---	AUG	474
MAR	---	SEP	270
APR	---	OCT	160
MAY	407	NOV	---
JUN	322	DEC	---

TOTAL DISCHARGE, 2 210 dam³

ATHABASCA RIVER ABOVE FLETCHER CHANNEL - STATION NO. 07DD010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	210.187	209.934	---	---	---	1
2	---	---	---	---	---	---	---	210.155	210.024	---	---	---	2
3	---	---	---	---	---	---	---	210.148	209.885	210.258	---	---	3
4	---	---	---	---	---	210.797	210.739	210.183	209.988	---	---	---	4
5	---	---	---	---	---	---	---	210.219	210.014	---	---	---	5
6	---	---	209.893	---	---	---	---	210.293	---	---	---	---	6
7	---	---	---	---	---	---	---	210.295	---	---	---	---	7
8	---	---	---	---	---	---	---	210.284	---	---	---	---	8
9	---	---	---	---	---	---	---	210.258	---	---	---	---	9
10	---	---	---	---	---	---	---	210.248	209.827	---	---	---	10
11	---	---	---	---	---	---	---	210.236	---	---	---	---	11
12	---	---	---	---	---	211.056	---	210.233	---	---	---	---	12
13	---	---	---	---	---	---	210.800	210.263	---	---	---	---	13
14	---	---	---	---	---	---	210.699	210.319	---	---	---	---	14
15	---	---	---	---	---	---	210.691	210.291	---	---	---	---	15
16	---	---	---	---	---	---	210.727	210.275	---	210.083	---	---	16
17	---	---	---	---	---	---	210.706	210.218	---	---	---	---	17
18	---	---	---	---	---	---	210.686	210.196	210.227	---	---	---	18
19	---	---	---	---	---	---	210.645	210.174	---	---	---	---	19
20	---	---	---	---	---	---	210.639	210.160	---	---	---	---	20
21	---	---	---	---	---	---	210.637	210.145	---	---	---	---	21
22	---	---	209.879	---	---	---	210.625	210.085	---	---	---	---	22
23	---	---	---	---	---	---	210.571	210.062	---	---	---	---	23
24	---	---	---	---	---	---	210.541	210.003	---	---	---	---	24
25	---	---	---	---	---	---	210.544	209.956	---	---	---	---	25
26	---	---	---	---	---	---	210.538	209.897	---	---	---	---	26
27	---	---	---	---	---	---	210.504	209.897	---	---	---	---	27
28	---	---	---	---	---	210.795	210.449	209.893	---	---	---	---	28
29	---	---	---	---	---	---	210.384	209.894	---	---	---	---	29
30	---		---	---	---	---	210.321	209.951	---	---	---	---	30
31	---		---		---		210.240	209.931		---		---	31
MEAN	---	---	---	---	---	---	---	210.144	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	210.318	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	209.893	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 27 00 N
LONG 111 04 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER ABOVE JACKFISH CREEK - STATION NO. 07DD001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	209.402	209.506	209.507	---	209.843	210.219	209.883	209.646	210.037	209.486	209.410	1
2	---	209.401	209.506	209.525	---	209.807	210.276	209.870	209.782	209.983	209.480	209.425	2
3	---	209.396	209.509	209.564	209.361	209.846	210.293	209.857	209.683	209.934	209.441	209.438	3
4	---	209.401	209.506	209.587	---	210.228	210.294	209.895	209.648	209.885	209.574	209.435	4
5	209.270	209.406	209.513	209.605	---	210.451	210.330	209.929	209.696	209.788	209.581	209.429	5
6	---	209.416	209.513	209.648	---	210.528	210.454	210.028	209.940	209.739	209.548	209.420	6
7	---	209.427	209.518	209.684	209.050	210.548	210.553	210.010	209.945	209.688	209.517	209.419	7
8	---	209.435	209.517	209.721	---	210.567	210.504	209.978	209.722	209.653	209.483	209.409	8
9	---	209.440	209.519	209.771	---	210.545	210.456	209.960	209.624	209.628	209.440	209.387	9
10	---	209.448	209.522	209.833	---	210.526	210.431	209.927	209.591	209.623	209.351	209.387	10
11	209.382	209.455	209.510	209.894	---	---	210.407	209.913	209.593	209.808	209.323	209.373	11
12	209.383	209.474	209.507	209.942	---	210.610	210.401	209.936	209.625	209.634	209.305	209.384	12
13	209.386	209.480	209.507	210.033	---	---	210.420	210.028	209.632	209.680	209.303	209.375	13
14	209.378	209.480	209.507	210.188	---	---	210.440	210.029	209.653	209.713	209.271	209.361	14
15	209.374	209.479	209.511	---	---	---	210.510	209.980	209.748	209.736	209.285	209.338	15
16	209.375	209.478	209.515	---	---	---	210.501	209.953	209.835	209.878	209.344	209.325	16
17	209.373	209.479	209.515	---	---	---	210.378	209.923	209.840	210.118	209.394	209.309	17
18	209.385	209.486	209.513	---	---	---	210.315	209.906	209.830	210.003	209.431	209.282	18
19	209.404	209.494	209.506	---	---	---	210.291	209.895	209.859	209.852	209.476	209.284	19
20	209.398	209.500	209.494	---	---	---	210.286	209.901	209.863	209.837	209.527	209.298	20
21	209.391	209.495	209.486	---	---	---	210.285	209.870	209.907	209.854	209.550	209.285	21
22	209.389	209.503	209.485	---	---	---	210.283	209.824	209.888	209.877	209.552	209.283	22
23	209.391	209.504	209.481	---	---	---	210.244	209.783	209.807	209.880	209.529	209.282	23
24	209.375	209.507	209.480	---	---	---	210.228	209.734	209.759	209.881	209.522	209.276	24
25	209.376	209.513	209.493	---	---	---	210.232	209.689	209.758	209.848	209.511	209.280	25
26	209.365	209.497	209.497	---	---	---	210.206	209.611	209.847	209.867	209.493	209.274	26
27	209.378	209.498	209.500	---	---	---	210.188	209.543	209.988	209.837	209.458	209.280	27
28	209.389	209.506	209.501	---	---	210.378	210.138	209.587	210.087	210.002	209.483	209.278	28
29	209.378	209.508	209.503	---	---	210.326	210.075	209.727	210.088	209.987	209.441	209.282	29
30	209.384		209.505	---	---	210.288	210.016	209.654	210.048	209.863	209.411	209.288	30
31	209.387		209.505		209.878		209.949	209.630		209.829		209.282	31
					209.885								
MEAN	---	209.486	209.508	---	---	---	210.310	209.857	209.785	209.828	209.454	209.341	MEAN
MAX	---	209.513	209.522	---	---	---	210.553	210.029	210.068	210.118	209.581	209.436	MAX
MIN	---	209.388	209.480	---	---	---	209.949	209.597	209.591	209.608	209.274	209.274	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 25 00 N
LONG 110 55 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER AT ATHABASCA - STATION NO 07BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1130	1260	1120	1850	243	450	950	718	376A	538	143	2340	1
2	1120	1270	1100	1900	232	498	1 260	679	386A	505	70 7	2290	2
3	1110	1270	1080	2100	227	628	1 390	645	378A	481	185	2260	3
4	1110	1320	1070	2200	226	757	1 200	634	348A	466	291	2200	4
5	1130	1350	1070	2250	235	697	974	638	317A	453	282	2120	5
6	1150	1300	1080	2300	263	612	827	829	335A	458	268	1990	6
7	1170	1280	1100	2400	292	578	782	611	352A	507	266	1870	7
8	1160	1260	1090	2440	310	640	798	612	364A	570	300	1840	8
9	1190	1250	1100	2450	314	985	910	601	396A	585	332	1690	9
10	1210	1260	1090	269	311	1 300	938	611	419A	552	393	1620	10
11	1220	1260	1090	269	313	1 310	841	570	429A	523	414	1690	11
12	1230	1270	1060	261	335	1 330	739	505	446A	509	408	1680	12
13	1240	1270	1060	235	375	1 240	691	494	430A	540	380	1650	13
14	1230	1270	1080	220	372	1 170	695	525	441A	541	350	1720	14
15	1200	1260	1080	221	348	1 180	742	539	451A	515	335	1630	15
16	1130	1250	1100	218	337	1 240	787	537	462A	506	315	1910	16
17	1140	1250	1070	220	333	1 280	784	528	420A	486	286	1880	17
18	1170	1240	1090	218	347	1 310	735	490	559A	453	266	1800	18
19	1170	1250	1070	225	516	1 330	706	457	521A	436	267	1700	19
20	1170	1240	1020	258	894	1 250	716	441	498A	419	254	1620	20
21	1180	1220	1000	303	822	1 080	760	434	577A	393	250	1680	21
22	1160	1210	1060	320	740	854	775	443	898	373	260	1740	22
23	1150	1210	1130	313	685	840	748	438	1 020	359	274	1690	23
24	1170	1180	1200	308	643	781	691	402	1 050	347	291	1570	24
25	1160	1150	1260	316	612	740	628	374	981	348	276	1530	25
26	1170	1160	1330	315	588	801	582	373	884	346	278	1550	26
27	1160	1160	1360	304	569	904	518	369	782	353	271 B	1480	27
28	1130	1190	1390	285	529	926	524	373A	715	327	262 B	1480	28
29	1170	1150	1440	264	491	923	551	354A	648	304	256 B	1490	29
30	1230		1550	255	461	934	597	349A	587	321	240 B	1480	30
31	1230		1730		452		690	376A		294		1480	31
TOTAL	3 831	3 803	3 606	7 602	13 501	28 859	24 508	15 753	17 860	13 786	8 443 7	5 508	TOTAL
MEAN	117	124	118	254	436	955	781	508	595	445	281	178	MEAN
MAX	124	136	173	320	894	1 330	1 390	718	1 050	585	414	334	MAX
MIN	111	115	100	189	236	450	519	348	317	294	70 7	148	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 400
MAXIMUM DAILY, 1 390 ON JUL 3
MINIMUM DAILY, 70 7 ON NOV 2
MAXIMUM INSTANTANEOUS,
1 410 AT 08:38 MST ON JUL 3

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 17 10 W
DRAINAGE AREA, 74 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	314 000	JUL	2 120 000
FEB	311 000	AUG	1 360 000
MAR	312 000	SEP	1 540 000
APR	657 000	OCT	1 150 000
MAY	1 170 000	NOV	730 000
JUN	2 480 000	DEC	478 000

TOTAL DISCHARGE, 12 700 000 dam³

ATHABASCA RIVER AT EMBARRAS AIRPORT - STATION NO. 07DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	788E	1 250	1 280	820	676	992	---	---	1
2	---	---	---	---	781E	1 290	1 310	815	884	940	---	---	2
3	---	---	---	---	752E	1 630	1 310	824	701	888	---	---	3
4	---	---	---	---	728E	2 070	1 310	880	709	842	---	---	4
5	---	---	---	---	718E	2 210	1 440	936	780	807	---	---	5
6	---	---	---	---	713E	2 210	1 820	909	788	771	---	---	6
7	---	---	---	---	744E	2 220	1 800	900	744	748	---	---	7
8	---	---	---	---	717E	2 280	1 680	818	711	730	---	---	8
9	---	---	---	---	726E	2 350	1 370	814	682	718	---	---	9
10	---	---	---	---	728E	2 480	1 350	828	675	710	---	---	10
11	---	---	---	---	724E	2 550	1 370	824	708	728	---	---	11
12	---	---	---	---	728E	2 480	1 420	824	725	774	---	---	12
13	---	---	---	---	781E	2 030	1 500	828	748	829	---	---	13
14	---	---	---	---	748E	1 810	1 480	855	830	831	---	---	14
15	---	---	---	---	744E	1 800	1 400	988	828	813	---	---	15
16	---	---	---	---	748E	1 870	1 320	833	852	802	---	---	16
17	---	---	---	---	787E	2 080	1 270	887	844	836	---	---	17
18	---	---	---	---	833E	2 140	1 260	886	852	875	---	---	18
19	---	---	---	---	830E	2 120	1 260	888	857	895	---	---	19
20	---	---	---	---	834E	2 080	1 280	874	934	918	---	---	20
21	---	---	---	---	855A	2 020	1 220	857	889	939	---	---	21
22	---	---	---	---	775	1 940	1 170	828	848	948	---	---	22
23	---	---	---	---	1 080	1 830	1 130	792	813	960	---	---	23
24	---	---	---	---	1 500	1 680	1 120	759	781	950	---	---	24
25	---	---	---	---	1 880	1 520	1 120	741	815	922	---	---	25
26	---	---	---	---	1 510	1 380	1 120	732	1 080	884	---	---	26
27	---	---	---	---	1 480	1 270	1 080	731	1 200	8408	---	---	27
28	---	---	---	---	1 410	1 180	1 030	712	1 200	7508	---	---	28
29	---	---	---	---	1 380	1 180		858	1 140	6808	---	---	29
30	---		---	---	1 310	1 180		888	1 080	5708	---	---	30
31	---		---		1 270			837		5008		---	31
TOTAL	---	---	---	---	25 138	58 360	39 254	28 200	26 643	25 389	---	---	TOTAL
MEAN	---	---	---	---	840	1 880	1 270	845	855	818	---	---	MEAN
MAX	---	---	---	---	1 880	2 880	1 820	888	1 200	982	---	---	MAX
MIN	---	---	---	---	713	1 180	831	870	675	500	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2 550 ON JUN 11

MAXIMUM INSTANTANEOUS,
2 570 AT 00:32 MST ON JUN 12

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 12 18 N
LONG 111 23 24 W
DRAINAGE AREA, 155 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 390 000
FEB	---	AUG	2 260 000
MAR	---	SEP	2 220 000
APR	---	OCT	2 190 000
MAY	2 520 000	NOV	---
JUN	4 870 000	DEC	---

ATHABASCA RIVER AT HINTON - STATION NO. 07AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.00	36.30	33.80	31.6	42.6	256	984	485	318	186	47.00	40.40	1
2	43.50	36.20	35.60	32.3	42.4	242	661	467	234	159	63.80	33.10	2
3	42.50	35.50	32.00	33.0	43.6	183	484	460	236	166	78.60	32.80	3
4	41.50	35.90	30.80	33.4	43.1	161	410	448	208	194	81.30	32.00	4
5	41.00	34.70	29.40	32.1	42.2	178	402	444	196	210	80.40	35.00	5
6	40.20	35.20	29.00	33.8	43.4	188	484	437	219	211	83.60	33.80	6
7	39.80	33.50	31.30	35.1	43.9	230	528	444	298	194	82.50	35.20	7
8	39.50	34.40	32.20	32.3	44.9	318	437	393	295	178	68.00	43.00	8
9	39.20	33.10	34.10	31.6	47.5	408	380	348	274	190	69.30	42.00	9
10	38.90	31.40	35.10	31.0	48.1	419	348	389	272	231	83.40	49.40	10
11	40.90	30.60	32.50	31.2	48.3	407	389	383	267	229	78.00	50.40	11
12	42.10	30.30	28.90	30.5	48.0	488	424	380	253	221	71.80	48.10	12
13	41.60	29.90	20.00	31.1	48.6	567	484	370	248	211	64.30	51.10	13
14	43.30	29.60	26.60	31.4	49.9	655	471	358	235	185	58.70	51.40	14
15	38.80	29.00	38.20	33.8	53.7	718	445	328	218	170	51.70	41.50	15
16	37.70	28.60	36.70	38.6	66.7	787	438	307	204	157	58.60	28.70	16
17	41.80	27.20	37.30	56.0	76.2	778	458	299	198	148	57.90	31.70	17
18	42.40	23.10	38.10	61.6	74.4	627	490	308	340	138	55.50	36.00	18
19	42.80	25.70	38.60	58.3	71.4	484	518	323	541	128	58.60	45.10	19
20	42.80	33.80	39.30	55.7	71.4	398	493	304	523	126	71.20	50.30	20
21	46.20	36.00	36.50	57.1	77.6	347	464	282	429	116 B	67.60	58.60	21
22	46.60	31.60	38.60	58.2	80.3	356	390	243	386	123 B	58.40	56.40	22
23	49.40	27.20	36.80	57.0	74.4	416	340	241	303	126 B	48.20	52.80	23
24	48.80	28.80	34.20	53.0	72.2	512	329	252	265	120 B	50.20	57.30	24
25	49.00	30.00	33.2	48.5	69.7	615	348	254	237	114 B	54.60	55.30	25
26	46.90	28.20	31.5	46.4	68.3	651	373	234	215	106 B	54.70	59.40	26
27	48.20	29.30	32.0	46.6	71.5	632	421	258	198	77.30	52.60	57.50	27
28	49.00	31.00	31.8	44.7	74.4	583	501	288	183	37.90	51.30	55.80	28
29	45.40	32.70	31.8	44.7	76.4	852	527	336	174	29.10	49.90	51.70	29
30	40.00		31.8	44.2	117	1 050	492	268	168	42.00	53.60	50.60	30
31	37.40		31.4		226		468	231		51.70		47.20	31
TOTAL	1 338.3	909.9	1 030.0	1 268.1	3 057.8	14 554	14 203	10 681	8 007	4 553.8	1 995.1	1 417.6	TOTAL
MEAN	43.1	31.4	33.2	42.0	98.6	485	481	361	287	147	66.5	45.7	MEAN
MAX	49.8	36.3	39.8	61.6	226	1 050	984	487	541	231	83.6	58.6	MAX
MIN	37.4	23.1	20.0	30.5	42.2	178	329	231	168	29.1	47.0	28.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 170
MAXIMUM DAILY, 1 050 ON JUN 30
MINIMUM DAILY, 20.00 ON MAR 13
MAXIMUM INSTANTANEOUS,
1 080 AT 19:50 MST ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 39 N
LONG 117 36 11 W
DRAINAGE AREA, 9 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	115 000	JUL	1 230 000
FEB	78 800	AUG	912 000
MAR	88 900	SEP	692 000
APR	108 000	OCT	383 000
MAY	178 000	NOV	172 000
JUN	1 270 000	DEC	122 000

TOTAL DISCHARGE, 5 380 000 dam³

ATHABASCA RIVER BELOW MCMURRAY - STATION NO. 07DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1670	1780	1800	2380	472	1 000	1 250	766	808E	853	5430	2660	1
2	1670	1780	1820	2450	448	1 320	1 230	817	822E	789	5200	2630	2
3	1660	1830	1840	2570	436	1 520	1 300	873	840A	749	5000	2600	3
4	1660	1860	1830	2770	433	1 540	1 520	858	892A	713	4800	2570	4
5	1680	1870	1810	2930	436	1 560	1 590	819	848E	692	4650	2540	5
6	1710	1890	1780	3320	437	1 830	1 400	802	820E	670	4480	2510	6
7	1730	1900	1800	3780	446	1 560	1 250	802	804E	655	4330	2500	7
8	1760	1910	1810	4080	446	1 480	1 210	803	785E	647	4200	2470	8
9	1770	1920	1810	4440	444	1 380	1 200	788	804E	664	4080	2450	9
10	1780	1900	1810	4680	445	1 350	1 230	785	638E	724	3960	2420	10
11	1820	1880	1810	4920	471	700	1 330	780	654A	783	3850	2400	11
12	1850	1880	1810	5200	489	1 840	1 360	784	788	780	3760	2380	12
13	1860	1870	1810	5920	484	1 910	1 270	795	858	738	3650	2370	13
14	1880	1870	1810	5980	488	1 880	1 170	780	889	720	3560	2340	14
15	1890	1880	1810	6008	507	1 780	1 110	703	879	731	3480	2320	15
16	1890	1880	1810	5920	553	1 840	1 080	713	889	785	3408	2300	16
17	1880	1880	1810	5780	550	1 850	1 090	733	899	765	3330	2280	17
18	1850	1890	1810	557	554	1 880	1 120	728	877	770	3270	2260	18
19	1840	1892	1820	532	575	1 680	1 100	727	838	776	3200	2240	19
20	1780	1898	1820	508	615	1 730	1 080	704	782	779	3150	2230	20
21	1730	1900	1830	482	782	1 740	1 000	867	780	788	3090	2220	21
22	1730	1898	1840	463	1 250	1 630	885	854A	718	765	3030	2200	22
23	1750	1880	1850	507	1 290	1 450	992	840E	728	774	2980	2190	23
24	1750	1880	1900	555	1 220	1 290	1 010	840E	1 040	748	2930	2180	24
25	1780	1880	1940	584	1 180	1 180	988	836E	1 210	718	2890	2180	25
26	1780	1880	2000	637	1 110	1 090	938	820E	1 230	7200	2850	2150	26
27	1780	1850	2050	526	1 070	1 040	877	800E	1 180	7000	2810	2140	27
28	1780	1840	2100	527	1 030	1 050	815	784E	1 040	6800	2770	2120	28
29	1790	1820	2150	518	988	1 180	782	762E	985	6200	2730	2110	29
30	1790		2240	501	941	1 240	734	785E	907	6000	2690	2100	30
31	1790		2300		918		732	802E		5660		2080	31
TOTAL	5 507	5 426	6 845	14 120	21 425	44 770	36 879	22 371	24 372	22 407	10 953	7 212	TOTAL
MEAN	178	187	189	471	691	1 490	1 120	722	812	723	365	233	MEAN
MAX	189	192	230	590	1 290	1 940	1 580	873	1 230	853	543	266	MAX
MIN	167	178	178	220	433	1 000	732	582	585	565	269	208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 599
MAXIMUM DAILY, 1 940 ON JUN 12
MINIMUM DAILY, 1670 ON JAN 1
MAXIMUM INSTANTANEOUS,
1 950 AT 05:11 MST ON JUN 12

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 46 50 N
LONG 111 24 00 W
DRAINAGE AREA, 133 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	476 000	JUL	3 000 000
FEB	469 000	AUG	1 930 000
MAR	506 000	SEP	2 110 000
APR	1 220 000	OCT	1 940 000
MAY	1 850 000	NOV	946 000
JUN	3 870 000	DEC	623 000

TOTAL DISCHARGE, 18 800 000 dam³

ATHABASCA RIVER NEAR JASPER - STATION NO 07AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.58	12.2 B	10 8	11 3	14.2	114	372	316	115	57 8	50 08	20 58	1
2	10.58	12.0 B	10 5	12 0	14 5	88 3	258	312	111	56 1	47 08	20.58	2
3	11 08	11 3 B	10 3 B	11 6	14 6	79 8	208	298	93 7	60 1	70 08	20 58	3
4	11 58	10 3 B	9.888	11 8	14 3	78 6	200	302	87 3	64 7	89 08	20 58	4
5	11 58	9 858	9.448	12 2	14 1	83 0	236	294	99 8	65 8	82 08	21 08	5
6	11 08	9 128	9 808	12 3	14 1	102	282	305	155	60 2	55 08	22 08	6
7	10 08	10 7 B	9.74	12 1	14 3	130	226	281	150	52 6	50 08	22 58	7
8	14 58	11 6 B	9.69	11 4	15 1	167	181	214	123	59 8	41 08	21 58	8
9	14 08	9 788	9 85	11 6	16 1	180	171	238	118	87 6	36 08	20 08	9
10	14 08	9 978	10 0	11 3	15 4	185	177	286	116	86 0	37 08	19 08	10
11	14 08	10.1 B	9.98	11 6	15 9	195	221	263	108	72 8	36 08	18 08	11
12	13 58	10.1 B	9 92	11 3	16 1	250	250	259	106	69 9	36 08	17 08	12
13	13 08	10 1 B	9.888	11 4	17 1	289	280	238	103	59 8	36 08	16 08	13
14	12 08	10.0 B	9.888	11 9	18.3	327	248	198	93 8	51 4	36 08	15 58	14
15	12 08	10.8 B	9.708	14 9	23 8	388	235	183	86 8	46 0E	36 08	15 08	15
16	12 08	10.1 B	9.67	20 5	27 0	387	255	181	83 8	44 0E	36 08	14 58	16
17	12 58	10.3 B	9.60	26 1	28 9	324	288	181	141	43 0E	35 08	14 88	17
18	12 58	9.888	9 65	25.8	28 1	248	313	214	303	43 0E	34 08	14.88	18
19	13 08	9.748	9 67	21 9	25.8	201	307	194	277	43.0E	33 08	14.88	19
20	13.28	10 3 B	9.38	22 0	30.0	171	275	161	200	43 0E	36 08	14 88	20
21	13 28	10.6 B	9 88	23 8	31 5	174	230	137	167	44 0E	33 08	14 58	21
22	13.68	11.0 B	10 2	23.2	28 1	201	189	137	138	44 0E	29 08	14 58	22
23	13.38	10.4 B	11 1	20 3	26.7	254	180	161	117	45.0E	28.08	14 58	23
24	13.08	10.6 B	10 8	18.2	26 1	320	187	148	105	47.0E	24 08	14.58	24
25	13.08	10.4 B	10 3	16.9	25 9	353	219	138	93.5	48 0E	23 08	14 88	25
26	12 78	10.9 B	10 0	16 0	26 3	334	258	142	83 6	45 0E	22 58	14 58	26
27	13 18	10.8 B	10.4	15 2	27.2	375	330	248	75 7	40 08	23 08	14 58	27
28	13 38	10.8	10.4	14 9	28 8	483 A	358	198	89.4	32 08	21 18	14.58	28
29	13 48	10.8	10 8	14.5	27 0	642 A	330	136	85 0	24 08	21 08	14 58	29
30	13 18		10 8	14.3	24 0	588 A	307	114	81.2	28 08	20 58	14 88	30
31	12 48		10.8		155		310	102		39 08		14 58	31
TOTAL	431.2	304.02	310.02	472.2	874 4	7 831 7	7 888	5 523	3 846 0	1 806 3	1 138.1	523 4	TOTAL
MEAN	13.9	10.5	10 0	15.7	28.2	284	254	210	122	51.8	37 9	16 9	MEAN
MAX	17.5	12.2	11.1	26 1	155	642	372	316	303	87.6	70.0	22.5	MAX
MIN	12 0	9 13	9 88	11.3	14 1	76.6	171	102	81.2	24 0	20.5	14 5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.6
MAXIMUM DAILY, 642A ON JUN 29
MINIMUM DAILY, 9.698 ON MAR 14
MAXIMUM INSTANTANEOUS,
722 AT 12:30 MST ON JUN 29

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 36 N
LONG 118 03 25 W
DRAINAGE AREA, 3 860 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 300	JUL	880 000
FEB	26 300	AUG	564 000
MAR	26 600	SEP	315 000
APR	40 800	OCT	139 000
MAY	75 500	NOV	88 200
JUN	659 000	DEC	45 200

TOTAL DISCHARGE, 2 710 000 dam³

ATHABASCA RIVER NEAR OLD FORT - STATION NO. 07DD011

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	211.949	211.455	211.408	211.528	211.391	212.359	212.880	211.535	211.557	---	---	---	1
2	211.932	211.451	211.412	211.578	211.353	212.405	212.781	211.760	211.524	---	---	---	2
3	211.894	211.449	211.382	211.631	211.278	212.769	212.620	211.888	211.530	---	---	---	3
4	211.870	211.423	211.362	211.672	211.227	213.499	212.819	211.985	211.641	---	---	212.007	4
5	211.855	211.425	211.376	211.735	211.138	213.761	212.983	212.128	211.788	---	---	211.970	5
6	211.844	211.440	211.388	211.782	211.092	213.785	213.273	212.114	211.880	--	212.345	211.912	6
7	211.832	211.488	211.386	211.855	211.045	213.798	213.348	212.071	211.790	---	212.278	211.858	7
8	211.812	211.488	211.370	211.838	211.004	213.788	213.183	212.105	211.684	---	212.235	211.812	8
9	211.788	211.477	211.372	212.037	210.973	213.808	212.985	212.100	211.592	---	212.181	211.761	9
10	211.784	211.475	211.376	212.136	210.974	213.537	212.939	212.124	211.573	---	212.068	211.734	10
11	211.774	211.482	211.354	212.229	210.998	213.388	212.948	212.114	211.817	---	211.984	211.717	11
12	211.758	211.488	211.353	212.329	211.075	213.372	212.993	212.117	---	---	211.908	211.687	12
13	211.748	211.478	211.359	212.821	211.154	213.811	213.137	212.132	---	---	211.886	211.609	13
14	211.733	211.480	211.352	212.814	211.178	214.056	213.168	212.152	---	---	211.885	211.561	14
15	211.728	211.486	211.363	213.033	211.194	214.018	213.048	212.178	---	---	211.995	211.524	15
16	211.724	211.482	211.363	213.437	211.167	213.930	212.912	212.137	---	---	212.098	211.474	16
17	211.713	211.461	211.340	213.509	211.228	213.752	212.813	212.036	---	---	212.151	211.407	17
18	211.710	211.432	211.327	213.481	211.315	213.629	212.756	211.996	---	---	212.207	211.358	18
19	211.695	211.433	211.318	213.370	211.375	213.607	212.752	212.027	212.220	---	212.333	211.328	19
20	211.677	211.438	211.298	212.261	211.388	213.634	212.767	212.008	---	---	212.408	211.324	20
21	211.651	211.438	211.302	211.839	211.404	213.658	212.720	211.956	---	---	212.411	---	21
22	211.612	211.438	211.303	211.801	211.494	213.725	212.821	211.917	---	---	212.382	---	22
23	211.584	211.433	211.312	211.448	211.798	213.716	212.823	211.843	---	---	212.355	---	23
24	211.545	211.443	211.324	211.411	212.572	213.547	212.499	211.775	---	---	---	---	24
25	211.527	211.438	211.319	211.381	212.782	213.293	212.507	211.730	---	---	---	---	25
26	211.518	211.408	211.331	211.473	212.700	213.047	212.518	211.696	---	---	---	---	26
27	211.501	211.412	211.342	211.518	212.621	212.847	212.486	211.684	---	---	---	---	27
28	211.494	211.408	211.366	211.478	212.555	212.882	212.358	211.649	---	---	---	---	28
29	211.487	211.406	211.380	211.427	212.484	212.563	212.226	211.608	---	---	---	---	29
30	211.487		211.435	211.408	212.452	212.597	212.084	211.583	---	212.452	---	---	30
31	211.480		211.484		212.383		211.982	211.881		---		---	31
MEAN	211.689	211.445	211.380	212.058	211.572	213.408	212.780	211.940	---	---	---	---	MEAN
MAX	211.949	211.488	211.484	213.509	212.782	214.056	213.348	212.178	---	---	---	---	MAX
MIN	211.480	211.406	211.298	211.381	210.973	212.359	211.982	211.881	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 214.056 ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 22 28 N
LONG 111 31 18 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

DRAINAGE AREA,
155 000 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ATHABASCA RIVER NEAR WINDFALL - STATION NO 07AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	43.38	63 08	105	338	1 080	540E	257	258	84 08	---	1
2	---	---	43.38	64 08	112	393	881	525E	241	256	105 B	---	2
3	---	---	43.38	65 58	124	331	858	520E	255	259	115 B	---	3
4	---	---	43.38	66 58	145	282	840	510E	250	277	122 B	---	4
5	---	---	43.38	67 58	144	271	491	495E	230	322	132 B	---	5
6	---	---	43.38	69 08	140	283	500	490E	234	350	138 B	---	6
7	---	---	43.38	70 08	134	328	584	480E	328	344	138 B	---	7
8	---	---	43.38	71.58	131	431	588	500E	407	321	138 B	---	8
9	---	---	43.38	73 08	141	550	502	480E	380	305	---	---	9
10	---	---	43.38	74 08	167	622	439	370E	390	318	---	---	10
11	---	---	43.08	74 58	167	590	420E	390E	383	348	---	---	11
12	---	---	42.58	76 08	158	574	455E	410E	413	336	---	---	12
13	---	---	42.08	76 28	151	648	458E	405E	384	328	---	---	13
14	---	---	42.08	76 48	148	732	505E	385E	389	311	---	---	14
15	---	---	42.08	76 7	145	792	520E	385E	335	294	---	---	15
16	---	---	42.08	86 7	190	834	500E	380E	305	250 B	---	---	16
17	---	---	42.08	110	345	881	490E	340E	285	242 B	---	---	17
18	---	---	42.08	143	398	832	520E	320E	286	235 B	---	---	18
19	---	---	42.08	154	331	881	545E	340E	483	208 B	---	---	19
20	---	---	43.08	151	282	571	563	350E	645	190 B	---	---	20
21	---	---	44.08	147	252	492	538	325E	698	178 B	---	---	21
22	---	---	45.58	152	240	447	491	295E	659	182 B	---	---	22
23	---	---	47.08	154	227	463	437	280A	595	185 B	---	---	23
24	---	---	49.58	147	217	524	393	275E	488	182 B	---	---	24
25	---	---	51.58	135	208	809	383	280E	406	170 B	---	---	25
26	---	---	54.58	121	188	678	400	280E	382	160 B	---	---	26
27	---	---	57.08	115	178	881	428	280E	328	150 B	---	---	27
28	---	---	58.48	111	173	889	481	340E	299	120 B	---	---	28
29	---	---	60.58	110	170	745	571A	420A	278	98.0B	---	---	29
30	---	---	61.58	109	178	922	600E	382	285	74.0B	---	---	30
31	---		62.58		213		580E	290		80.0B		---	31
TOTAL	---	---	1 448.4	3 007.5	5 906	17 183	16 556	11 982	11 201	7 281.0	---	---	TOTAL
MEAN	---	---	46.7	100	191	573	534	387	373	234	---	---	MEAN
MAX	---	---	62.5	154	398	922	1 080	540	698	350	---	---	MAX
MIN	---	---	42.0	83.0	109	271	383	280	230	74.0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 1 080 ON JUL 1

MAXIMUM INSTANTANEOUS,
1 090 AT 11:35 MST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 25 N
LONG 116 03 45 W
DRAINAGE AREA, 19 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 430 000
FEB	---	AUG	1 040 000
MAR	125 000	SEP	968 000
APR	280 000	OCT	627 000
MAY	510 000	NOV	---
JUN	1 480 000	DEC	---

ATIM CREEK NEAR SPRUCE GROVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.267	0.184	0.546	0.256	0.088	0.258	0.195	---	---	1
2	---	---	---	0.262	0.137	0.440	0.273	0.072	0.286	0.198	---	---	2
3	---	---	---	0.232	0.163	0.417	0.276	0.087	0.309	0.195	---	---	3
4	---	---	---	0.219	0.176	0.319	0.282	0.085	0.347	0.192	---	---	4
5	---	---	---	0.197	0.176	0.244	0.290	0.080	0.372	0.184	---	---	5
6	---	---	---	0.193	0.195	0.474	0.307	0.059	0.407	0.188	---	---	6
7	---	---	---	0.211	0.181	1.08	0.288	0.058	0.408	0.190	---	---	7
8	---	---	---	0.184	0.178	1.05	0.316	0.054	0.480	0.187	---	---	8
9	---	---	---	0.188	0.240	0.873	0.199	0.050	0.408	0.181	---	---	9
10	---	---	---	0.177	0.282	0.484	0.181	0.055	0.418	0.183	---	---	10
11	---	---	---	0.188	0.339	0.348	0.175	0.062	0.378	0.187	---	---	11
12	---	---	---	0.189	0.328	0.307	0.188	0.062	0.350	0.187	---	---	12
13	---	---	---	0.187	0.321	0.319	0.178	0.063	0.336	0.187	---	---	13
14	---	---	---	0.184	0.332	0.184	0.142	0.070	0.323	0.188	---	---	14
15	---	---	---	0.186	0.378	0.166	0.134	0.078	0.309	0.182	---	---	15
16	---	---	---	0.172	0.480	0.108	0.116	0.072	0.306	0.180	---	---	16
17	---	---	---	0.182	0.509	0.084	0.108	0.080	0.278	0.178	---	---	17
18	---	---	---	0.183	0.533	0.106	0.088	0.071	0.269	0.175	---	---	18
19	---	---	---	0.150	0.521	0.167	0.086	0.070	0.251	0.172	---	---	19
20	---	---	---	0.152	0.517	0.082	0.083	0.061	0.235	0.172	---	---	20
21	---	---	0.3068	0.158	0.507	0.088	0.081	0.063	0.268	0.172	---	---	21
22	---	---	0.4628	0.161	0.518	0.074	0.080	0.068	0.258	0.166	---	---	22
23	---	---	0.4298	0.156	0.550	0.088	0.085	0.068	0.248	0.167	---	---	23
24	---	---	0.4218	0.159	0.553	0.118	0.084	0.118	0.223	0.1068	---	---	24
25	---	---	0.3788	0.161	0.571	0.118	0.057	0.146	0.208	0.1438	---	---	25
26	---	---	0.3668	0.164	0.538	0.148	0.058	0.159	0.207	0.1408	---	---	26
27	---	---	0.3538	0.155	0.503	0.161	0.052	0.166	0.198	0.1388	---	---	27
28	---	---	0.3398	0.150	0.495	0.232	0.066	0.303	0.188	0.1368	---	---	28
29	---	---	0.3438	0.130	0.484	0.284	0.053	0.316	0.189	0.1348	---	---	29
30	---		0.318	0.130	0.484	0.243	0.068	0.335	0.183	0.1328	---	---	30
31	---		0.298		0.868		0.084	0.278		0.1308		---	31
TOTAL	---	---	---	5.260	11.871	8.933	4.835	3.138	8.978	5.265	---	---	TOTAL
MEAN	---	---	---	0.170	0.386	0.287	0.158	0.101	0.299	0.170	---	---	MEAN
MAX	---	---	---	0.267	0.553	1.08	0.307	0.278	0.506	0.198	---	---	MAX
MIN	---	---	---	0.130	0.137	0.088	0.083	0.050	0.183	0.130	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.08 ON JUN 7

MAXIMUM INSTANTANEOUS,
1.18 AT 07:17 MST ON JUN 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 20 N
LONG 113 58 00 W
DRAINAGE AREA, 315 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	418
FEB	---	AUG	271
MAR	---	SEP	778
APR	454	OCT	457
MAY	1 030	NOV	---
JUN	771	DEC	---

ATIMOSHW CREEK NEAR ELK POINT - STATION NO. 05EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0019	3 35 B	0.068	0.354	0.098	0.071	0.003	0.082	0.0478	---	1
2	---	---	0.0018	5 55 B	0.039	0.221	0.007	0.188	0.003	0.076	0.0418	---	2
3	---	---	0.0018	5.55 B	0.185	0.170	0.006	0.232	0.003	0.084	0.0358	---	3
4	---	---	0.0018	4 45 B	0.163	0.162	0.005	0.198	0.003	0.077	0.0288	---	4
5	---	---	0.0018	4 25 B	0.080	0.128	0.003	0.184	0.003	0.053	0.0238	---	5
6	---	---	0.0018	3 80 B	0.026	0.101	0.003	0.204	0.004	0.080	0.0188	---	6
7	---	---	0.0018	3 10 B	0.001	0.114	0.003	0.282	0.005	0.087	0.0108	---	7
8	---	---	0.0018	2 80 B	0.004	0.093	0.001	0.323	0.005	0.078	---	---	8
9	---	---	0.0018	2 00 E	0.022	0.074	0.002	0.270	0.007	0.086	---	---	9
10	---	---	0.0018	1 63 E	0.024	0.204	0.001	0.288	0.008	0.086	---	---	10
11	---	---	0.0018	0.908A	0.028	0.208	0.003	0.274	0.008	0.077	---	---	11
12	---	---	0.0018	0.858	0.034	0.170	0.005	0.307	0.009	0.088	---	---	12
13	---	---	0.0018	0.801	0.031	0.128	0.008	0.287	0.013	0.083	---	---	13
14	---	---	0.0018	0.282	0.032	0.111	0.015	0.115	0.017	0.084	---	---	14
15	---	---	0.0018	0.293	0.024	0.077	0.021	0.113	0.023	0.098	---	---	15
16	---	---	0.0018	0.334	0.028	0.068	0.026	0.084	0.030	0.131	---	---	16
17	---	---	0.0018	0.178	0.040	0.064	0.034	0.070	0.023	0.118	---	---	17
18	---	---	0.0018	0.148	0.053	0.060	0.039	0.171	0.036	0.111	---	---	18
19	---	---	0.0018	0.138	0.048	0.038	0.040	0.236	0.045	0.105	---	---	19
20	---	---	0.0308	0.098	0.078	0.018	0.047	0.122	0.051	0.084	---	---	20
21	---	---	0.0808	0.073	0.115	0.027	0.058	0.057	0.053	0.071	---	---	21
22	---	---	0.1208	0.058	0.126	0.028	0.068	0.046	0.078	0.073	---	---	22
23	---	---	0.1808	0.045	0.118	0.028	0.061	0.018	0.083	0.113	---	---	23
24	---	---	0.2108	0.034	0.108	0.027	0.063	0.003	0.068	0.111	---	---	24
25	---	---	0.2608	0.037	0.102	0.061	0.084	0.008	0.087	0.102	---	---	25
26	---	---	0.3708	0.021	0.103	0.018	0.111	0.048	0.085	0.100	---	---	26
27	---	---	0.4458	0.014	0.118	0.014	0.133	0.032	0.061	0.080	---	---	27
28	---	---	0.5518	0.013	0.107	0.016	0.183	0.008	0.061	0.0728	---	---	28
29	---	---	1.28 B	0.004	0.153	0.016	0.248	0.001	0.064	0.0658	---	---	29
30	---		1.75 B	0.011	0.272	0.010	0.233	0.000	0.085	0.0608	---	---	30
31	---		2.18 B		0.258		0.087	0.002		0.0538		---	31
TOTAL	---	---	7.785	40.324	3.808	2.715	1.848	4.300	1.127	2.832	---	---	TOTAL
MEAN	---	---	0.250	1.34	0.084	0.081	0.053	0.139	0.038	0.068	---	---	MEAN
MAX	---	---	2.18	5.55	0.273	0.354	0.248	0.282	0.087	0.131	---	---	MAX
MIN	---	---	0.001	0.004	0.001	0.010	0.001	0.001	0.003	0.053	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.250
MAXIMUM DAILY, 5.550 ON APR 2
MINIMUM DAILY, 0.0018 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 10 N
LONG 110 55 10 W
DRAINAGE AREA, 384 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	162
FEB	---	AUG	372
MAR	670	SEP	87 4
APR	3 480	OCT	227
MAY	228	NOV	---
JUN	238	DEC	---

TOTAL DISCHARGE, 9 450 dam³

ATLAS MINE COULEE AT WESTERN MONARCH - STATION NO. 05CE000S

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.037A	0.003E	0.008	0	0.334	0	0.002	---	---	1
2	---	---	0 B	0.028A	0.002A	0.003	0	0.188	0	0.001	---	---	2
3	---	---	0 B	0.022A	0.003E	0.002	0	0.148	0	0.001	---	---	3
4	---	---	0 B	0.018A	0.002E	0	0	0.113	0	0	---	---	4
5	---	---	0.0028	0.017A	0.003E	0	0	0.078	0	0	---	---	5
6	---	---	0.0048	0.014A	0.003A	0.005	0	0.054	0	0	---	---	6
7	---	---	0.0018	0.010A	0.002A	0.019	0	0.036	0.001	0	---	---	7
8	---	---	0 B	0.008A	0.002A	0.047	0	0.023	0.002	0	---	---	8
9	---	---	0 B	0.005A	0.001A	0.118	0	0.016	0.002	0	---	---	9
10	---	---	0 B	0.004A	0.001A	0.050	0	0.008	0.002	0	---	---	10
11	---	---	0 B	0.003A	0.002A	0.019	0	0.005	0.007	0	---	---	11
12	---	---	0 B	0.006A	0.001	0.007	0	0.002	0.048	0	---	---	12
13	---	---	0 B	0.005A	B	0.006	0.002	0.001	0.002	0	---	---	13
14	---	---	0 B	0.002A	0.001	0.003	0.002	0.001	0.002	0	---	---	14
15	---	---	0 B	0.002A	B	0.003	0.001	0	0.003	0	---	---	15
16	---	---	0 B	0.002A	0.001	0.005	0.001	0	0.009	0	---	---	16
17	---	---	0 B	0.002A	0.001	0.004	0.001	0	0.005	0	---	---	17
18	---	---	0 B	0.002A	0	0.003	0	0	0.036	0.001	---	---	18
19	---	---	0.0048	0.002A	0	0.002	0	0	0.013	0.002	---	---	19
20	---	---	0.0208	0.002A	0	0.002	0	0	0.024	0.007	---	---	20
21	---	---	0.0258	0.002A	0	0.006	0.012	0	0.139	0.008	---	---	21
22	---	---	0.0908	0.002A	0	0.040	0.006	0	0.073	0.004	---	---	22
23	---	---	0.0868	0.002A	0	0.027	0.006	0	0.062	0.006	---	---	23
24	---	---	0.0828	0.004A	0.009	0.006	0.002	0	0.030	0.005	---	---	24
25	---	---	0.0928	0.003A	0.007	0.003	0	0	0.017	0.014	---	---	25
26	---	---	0.0858	0.003A	0.004	0.001	0	0	0.010	0.0118	---	---	26
27	---	0B	0.0778	0.003A	0.005	0.001	0	0	0.005	0.0088	---	---	27
28	---	0B	0.0678	0.004A	0.004	0	0	0	0.003	0.0018	---	---	28
29	---	0B	0.0518	0.004A	0.003	0	0.080	0	0.002	0.0018	---	---	29
30	---		0.0468	0.004A	0.001	0	0.248	0	0.002	0.0018	---	---	30
31	---		0.0418		0.014		0.255	0		0.0018		---	31
TOTAL	---	---	0.729	0.230	0.078	0.437	0.598	0.893	0.827	0.078	---	---	TOTAL
MEAN	---	---	0.024	0.007	0.002	0.015	0.019	0.029	0.031	0.002	---	---	MEAN
MAX	---	---	0.092	0.037	0.014	0.118	0.255	0.334	0.139	0.014	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.255 ON JUL 31
MINIMUM DAILY, 0B ON FEB 27
MAXIMUM INSTANTANEOUS,
0.389 AT 19:55 MST ON JUL 29

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 40 N
LONG 113 26 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	91.5
FEB	---	AUG	77.2
MAR	53.0	SEP	60.1
APR	19.0	OCT	6.57
MAY	6.57	NOV	---
JUN	37.8	DEC	---

RABBITT CREEK NEAR COLINTON - STATION NO. 07CA000S

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2258	0.003	0.419	0.004	0.017	0.007	0.057	0.1008	---	1
2	---	---	0 B	0.2078	0.002	0.611	0.003	0.014	0.004	0.054	0.0828	---	2
3	---	---	0 B	0.1508	0.009	0.558	0.002	0.012	0.003	0.054	0.0828	---	3
4	---	---	0 B	0.0898	0.014	0.486	0.005	0.011	0.003	0.057	0.0768	---	4
5	---	---	0 B	0.0398	0.008	0.505	0.004	0.011	0.007	0.058	0.0758	---	5
6	---	---	0 B	0.0358	0.002	0.867	0.034	0.012	0.183	0.057	0.0728	---	6
7	---	---	0 B	0.0358	0.002	0.586	0.281	0.013	0.148	0.057	0.0678	---	7
8	---	---	0 B	0.0408	0.001	0.578	0.476	0.018	0.381	0.061	---	---	8
9	---	---	0 B	0.0508	0.001	0.509	0.487	0.023	0.300	0.048	---	---	9
10	---	---	0 B	0.0408	0.001	0.373	0.493	0.024	0.250	0.044	---	---	10
11	---	---	0 B	0.0308	0.001	0.284	0.522	0.043	0.190	0.054	---	---	11
12	---	---	0 B	0.0258	0.001	0.225	0.474	0.028	0.152	0.043	---	---	12
13	---	---	0 B	0.1088	0.001	0.308	0.413	0.024	0.144	0.048	---	---	13
14	---	---	0 B	0.1408	0.001	0.197	0.361	0.020	0.123	0.058	---	---	14
15	---	---	0.0018	0.1808	0.001	0.162	0.271	0.022	0.107	0.051	---	---	15
16	---	---	0.0018	0.1458	0.001	0.138	0.187	0.055	0.084	0.059	---	---	16
17	---	---	0.0018	0.1308	0.002	0.088	0.115	0.044	0.055	0.061	---	---	17
18	---	---	0.0018	0.1358	0.005	0.055	0.055	0.029	0.051	0.1068	---	---	18
19	---	---	0.0018	0.1068	0.005	0.071	0.051	0.017	0.059	0.2278	---	---	19
20	---	---	0.0018	0.0768	0.010	0.058	0.045	0.012	0.058	0.3388	---	---	20
21	---	---	0.0018	0.0808	0.011	0.042	0.047	0.010	0.078	0.3208	---	---	21
22	---	---	0.0368	0.0678	0.011	0.038	0.049	0.008	0.080	0.2818	---	---	22
23	---	---	0.0788	0.0508	0.016	0.038	0.047	0.008	0.082	0.2788	---	---	23
24	---	---	0.1508	0.0388	0.043	0.038	0.041	0.007	0.089	0.2888	---	---	24
25	---	---	0.2008	0.0368	0.088	0.021	0.034	0.007	0.084	0.3238	---	---	25
26	---	---	0.2508	0.0328	0.088	0.018	0.027	0.005	0.078	0.2708	---	---	26
27	---	---	0.3188	0.0288	0.088	0.017	0.021	0.005	0.080	0.2308	---	---	27
28	---	---	0.3288	0.010	0.118	0.016	0.025	0.005	0.075	0.1858	---	---	28
29	---	---	0.3008	0.008	0.118	0.013	0.028	0.005	0.084	0.1608	---	---	29
30	---	---	0.2378	0.003	0.118	0.007	0.022	0.004	0.082	0.1308	---	---	30
31	---		0.2308		0.158		0.020	0.003		0.1308		---	31
TOTAL	---	---	3.133	2.429	0.900	7.030	4.737	0.511	3.138	4.183	---	---	TOTAL
MEAN	---	---	0.088	0.081	0.029	0.234	0.153	0.016	0.105	0.134	---	---	MEAN
MAX	---	---	0.335	0.225	0.158	0.687	0.522	0.055	0.380	0.338	---	---	MAX
MIN	---	---	0	0.003	0.001	0.007	0.003	0.003	0.003	0.043	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 0.887 ON JUN 6
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.703 AT 06:32 MST ON JUN 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 10 N
LONG 113 04 45 W
DRAINAGE AREA, 323 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	408
FEB	---	AUG	44.2
MAR	188	SEP	271
APR	310	OCT	388
MAY	77.8	NOV	---
JUN	807	DEC	---

TOTAL DISCHARGE, 2 180 dam³

BAPTISTE LAKE NEAR ATHABASCA - STATION NO. 07BE002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	577.885	578.012	577.859	---	---	---	1
2	---	---	---	---	---	---	---	578.007	---	577.875	---	---	2
3	---	---	---	577.859	577.796	577.870	577.978	578.007	577.878	577.880	---	---	3
4	---	---	---	---	---	577.875	577.888	577.897	577.756	577.880	---	---	4
5	---	---	---	---	577.784	577.880	577.986	577.983	577.809	577.880	---	---	5
6	---	---	---	---	577.780	577.900	577.981	577.986	577.738	577.880	---	---	6
7	---	---	---	---	577.778	577.930	---	---	---	577.885	---	---	7
8	---	---	577.883	---	577.774	577.975	---	577.978	577.824	577.890	---	---	8
9	---	---	---	---	577.772	577.987	578.047	577.973	577.844	577.980	---	---	9
10	---	---	---	---	---	578.020	578.057	577.973	577.859	577.995	---	---	10
11	---	---	---	---	577.780	578.030	578.083	577.983	577.884	578.000	---	---	11
12	---	---	---	---	577.783	578.045	578.087	577.988	577.884	578.005	---	---	12
13	---	---	---	---	577.783	578.051	578.077	577.983	577.889	---	---	---	13
14	---	---	---	---	577.784	578.051	578.082	577.981	577.889	---	---	---	14
15	---	---	---	---	577.736	578.056	578.082	577.986	577.888	578.010	---	---	15
16	---	---	---	---	577.744	578.051	578.078	577.983	577.889	---	---	---	16
17	---	---	---	---	---	578.038	578.082	577.948	577.884	578.028	---	---	17
18	---	---	---	---	577.735	578.031	578.077	577.943	577.884	578.048	---	---	18
19	---	---	---	---	577.735	578.028	578.072	577.938	---	578.060	---	---	19
20	---	---	---	---	---	578.028	578.067	577.926	577.888	578.078	---	---	20
21	---	---	---	---	577.750	578.024	---	577.928	577.878	578.080	---	---	21
22	---	---	---	---	577.785	578.014	578.072	577.926	577.878	578.080	---	---	22
23	---	---	---	---	577.785	578.001	578.072	577.923	577.878	578.080	---	---	23
24	---	---	---	---	577.787	578.001	578.067	577.918	577.874	578.080	---	---	24
25	---	---	---	---	577.775	---	578.052	577.913	---	578.088	---	---	25
26	---	---	---	---	577.780	577.991	578.052	577.908	577.878	---	---	---	26
27	---	---	---	---	577.785	577.991	578.042	577.898	577.880	---	---	---	27
28	---	---	---	---	577.787	577.978	578.037	---	577.878	---	---	---	28
29	---	---	---	---	577.860	577.988	578.027	---	577.878	---	---	---	29
30	---		---	---	577.805	---	578.027	577.873	577.878	---	---	---	30
31	---		---		---		578.017	577.868		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 46 14 N
LONG 113 31 51 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
303 km²

BARE CREEK RESERVOIR NEAR ELKWATER - STATION NO 11AB004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	1133.481	---	---	2
3	---	---	---	---	---	---	1134.984	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	1135.030E	1135.370E	1135.030E	1135.050E	1134.930E	1133.680E	1133.490E	1133.450E	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	1133.465	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	1135.150E	1135.495E	1135.000E	1135.540E	1134.683E	1133.820E	1133.455E	1133.430E	---	---	16
17	---	---	---	---	---	---	1134.880	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	1134.834	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	1134.830E	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	1135.000E	---	1134.980E	---	---	1133.453E	---	---	---	26
27	---	---	1135.270	---	1135.690E	---	1134.000E	1133.950E	---	1133.428E	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	1134.870E	---	---	1135.589	---	---	---	---	1133.432	---	---	29
30	---	---	---	1135.660	---	1134.870E	1133.737	---	1133.452E	---	---	---	30
31	---		1135.300E		1135.587E		1133.720E	1133.605E		1133.430E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 26 05 N
LONG 110 33 45 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

DRAINAGE AREA,
20.1 km²

BARRIER LAKE NEAR SEEBE - STATION NO. 05BF024

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1375.84	1375.84	1375.81	1376.75	1371.75	1371.23	1371.26	1373.66	1373.76	1375.14	1375.04	1375.47	1
2	1376.80	1376.78	1375.84	1376.65	1371.67	1371.17	1371.26	1374.78	1373.79	1375.07	1374.98	1375.50	2
3	1376.93	1376.81	1375.93	1376.62	1371.42	1371.20	1371.36	1374.22	1373.82	1374.98	1375.07	1375.59	3
4	1376.02	1376.67	1375.90	1376.68	1371.30	1371.23	1371.60	1374.22	1373.89	1374.80	1375.17	1375.53	4
5	1376.93	1376.84	1376.81	1376.71	1371.25	1371.17	1371.84	1374.19	1374.04	1374.83	1376.14	1375.85	5
6	1376.84	1376.75	1376.71	1376.65	1371.17	1371.20	1372.09	1374.16	1374.13	1374.86	1375.20	1376.78	6
7	1376.93	1376.78	1376.78	1376.58	1371.02	1371.30	1372.30	1374.16	1374.28	1375.04	1376.28	1376.90	7
8	1376.02	1376.81	1376.78	1376.44	1370.93	1371.51	1372.45	1374.25	1374.37	1374.98	1376.32	1375.88	8
9	1376.88	1376.87	1376.76	1376.23	1370.81	1371.51	1372.48	1374.25	1374.40	1376.07	1376.41	1376.05	9
10	1376.02	1376.87	1376.87	1376.01	1370.88	1371.42	1372.61	1374.25	1374.37	1376.14	1376.47	1376.98	10
11	1376.88	1376.87	1376.93	1374.80	1370.83	1371.54	1372.78	1374.22	1374.50	1376.17	1376.50	1376.93	11
12	1376.80	1376.81	1376.84	1374.58	1370.67	1371.75	1372.81	1374.22	1374.59	1376.20	1376.41	1376.80	12
13	1376.84	1376.78	1376.81	1374.36	1370.58	1371.38	1373.08	1374.22	1374.71	1376.28	1376.26	1376.87	13
14	1376.84	1376.78	1376.87	1374.18	1370.61	1371.33	1373.12	1374.37	1374.83	1376.32	1376.17	1376.87	14
15	1376.78	1376.81	1376.84	1373.95	1370.61	1371.51	1373.18	1374.25	1374.82	1376.41	1376.11	1376.87	15
16	1376.71	1376.71	1376.84	1373.70	1370.50	1371.84	1373.28	1374.18	1375.04	1376.38	1376.14	1376.84	16
17	1376.65	1376.88	1376.87	1373.58	1370.58	1371.66	1373.43	1373.98	1376.17	1376.50	1376.26	1376.71	17
18	1376.59	1376.88	1376.87	1373.48	1370.58	1371.51	1373.70	1373.83	1376.14	1376.50	1376.38	1376.61	18
19	1376.65	1376.88	1376.81	1373.48	1370.62	1371.48	1373.95	1373.70	1376.23	1376.41	1376.29	1376.75	19
20	1376.75	1376.71	1376.81	1373.40	1370.88	1371.51	1373.92	1373.56	1376.38	1376.32	1376.26	1376.75	20
21	1376.75	1376.78	1376.81	1373.28	1370.88	1371.60	1374.01	1373.43	1376.41	1376.20	1376.38	1376.75	21
22	1376.78	1376.84	1376.84	1373.12	1370.88	1371.63	1373.98	1373.37	1376.41	1376.11	1376.38	1376.81	22
23	1376.81	1376.78	1376.90	1372.94	1370.72	1371.57	1373.92	1373.25	1376.38	1376.01	1376.41	1376.75	23
24	1376.78	1376.71	1376.05	1372.78	1370.72	1371.54	1373.87	1373.43	1376.38	1376.07	1376.44	1376.71	24
25	1376.93	1376.71	1376.99	1372.64	1370.66	1371.60	1373.37	1373.58	1376.35	1376.14	1376.50	1376.71	25
26	1376.81	1376.78	1376.84	1372.51	1370.72	1371.63	1373.06	1373.67	1376.32	1376.23	1376.53	1376.71	26
27	1376.78	1376.71	1376.81	1372.45	1370.72	1371.57	1372.94	1373.73	1376.26	1376.29	1376.53	1376.65	27
28	1376.81	1376.78	1376.84	1372.30	1370.78	1371.61	1373.12	1374.01	1376.23	1376.35	1376.50	1376.56	28
29	1376.87	1376.78	1376.87	1372.18	1370.81	1371.81	1373.34	1373.98	1376.23	1376.35	1376.44	1376.59	29
30	1376.87		1376.87	1372.00	1371.14	1371.48	1373.55	1374.04	1376.23	1376.17	1376.44	1376.56	30
31	1376.87		1376.81		1371.26		1373.76	1373.86		1376.14		1376.47	31
MEAN	1376.84	1376.78	1376.85	1374.03	1370.84	1371.47	1372.94	1373.98	1374.79	1376.18	1376.31	1376.74	MEAN
MAX	1376.02	1376.87	1376.05	1376.75	1371.75	1371.84	1374.01	1374.37	1376.41	1376.50	1376.53	1376.05	MAX
MIN	1376.59	1376.88	1376.71	1372.00	1370.61	1371.17	1371.26	1373.25	1373.76	1374.80	1374.98	1376.47	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1374.31
MAXIMUM DAILY, 1376.05 ON MAR 24
MINIMUM DAILY, 1370.41 ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 59 N
LONG 115 02 29 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
895 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BATTERSEA DRAIN NEAR THE MOUTH - STATION NO. 05AD038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.014	0.455	0.718	0.015	0.103	0.524	---	---	1
2	---	---	---	---	0.010	0.880	0.303	0.017	0.039	0.337	---	---	2
3	---	---	---	---	0.008	0.694	0.121	0.018	0.203	0.417	---	---	3
4	---	---	---	---	0.008	0.800	0.072	0.012	0.448	0.588	---	---	4
5	---	---	---	---	0.015	0.520	0.101	0.012	0.063	0.648	---	---	5
6	---	---	---	---	0.015	0.245	0.035	0.009	0.015	0.577	---	---	6
7	---	---	---	---	0.011	0.089	0.220	0.095	0.035	0.583	---	---	7
8	---	---	---	---	0.008	0.449	0.185	0.415	0.022	0.541	---	---	8
9	---	---	---	---	0.008	0.885	0.207	0.466	0.011	0.489	---	---	9
10	---	---	---	---	0.025	0.934	0.089	0.499	0.011	0.087	---	---	10
11	---	---	---	---	0.088	1.15	0.028	0.434	0.012	0.037	---	---	11
12	---	---	---	---	0.184	1.08	0.020	0.501	0.011	0.025	---	---	12
13	---	---	---	---	0.078	0.748	0.023	0.478	0.014	0.020	---	---	13
14	---	---	---	---	0.051	0.473	0.023	0.286	0.013	0.018	---	---	14
15	---	---	---	---	0.188	0.434	0.017	0.273	0.082	0.018	---	---	15
16	---	---	---	---	0.304	0.508	0.015	0.178	0.018	0.0188	---	---	16
17	---	---	---	0.002A	0.159	0.744	0.084	0.044	0.013	0.0158	---	---	17
18	---	---	---	0.009	0.023	0.517	0.040	0.003	0.009	0.0108	---	---	18
19	---	---	---	0.018	0.058	0.173	0.008	0.024	0.114	0 B	---	---	19
20	---	---	---	0.021	0.210	0.232	0.007	0.018	0.203	0 B	---	---	20
21	---	---	---	0.018	0.238	0.240	0.081	0.011	0.429	0 B	---	---	21
22	---	---	---	0.018	0.272	1.07	0.158	0.010	0.788	0 B	---	---	22
23	---	---	---	0.017	0.341	0.882	0.238	0.010	0.626	0.0108	---	---	23
24	---	---	---	0.017	0.488	0.838	0.198	0.011	0.723	0.0228	---	---	24
25	---	---	---	0.018	0.434	0.885	0.158	0.010	0.360	0.0228	---	---	25
26	---	---	---	0.017	0.508	0.417	0.180	0.011	0.385	0.0228	---	---	26
27	---	---	---	0.016	0.524	0.382	0.105	0.008	0.408	0.0228	---	---	27
28	---	---	---	0.013	0.577	0.327	0.037	0.012	0.456	0.0228	---	---	28
29	---	---	---	0.016	0.328	0.308	0.038	0.075	0.541	0.0228	---	---	29
30	---	---	---	0.013	0.280	0.418	0.088	0.108	0.488	0.0228	---	---	30
31	---	---	---		0.414		0.048	0.108		0.0228		---	31
TOTAL	---	---	---	---	5.741	17.487	3.815	4.541	5.811	5.142	---	---	TOTAL
MEAN	---	---	---	---	0.185	0.582	0.117	0.146	0.227	0.165	---	---	MEAN
MAX	---	---	---	---	0.577	1.15	0.718	0.676	0.836	0.648	---	---	MAX
MIN	---	---	---	---	0.008	0.089	0.007	0.003	0.009	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.235
MAXIMUM DAILY, 1.15 ON JUN 11
MINIMUM DAILY, 0B ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 112 38 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	312
FEB	---	AUG	392
MAR	---	SEP	504
APR	---	OCT	444
MAY	498	NOV	---
JUN 1	510	DEC	---

TOTAL DISCHARGE, 3 740 dam³

BATTLE RIVER ABOVE PIPESTONE CREEK - STATION NO 05PA073

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.180B	5.30B	1.76	0.821	1.08	0.130	0.038	1.24	0.7198	---	1
2	---	---	0.190B	9.28B	2.08	0.810	0.848	0.113	0.028	1.15	0.7258	---	2
3	---	---	0.180B	10.8 B	1.87	0.715	0.717	0.127	0.020	1.13	0.7308	---	3
4	---	---	0.190B	9.78B	1.13	1.75	0.506	0.184	0.013	1.21	0.6888	---	4
5	---	---	0.190B	7.81	0.885	1.84	0.532	0.138	0.010	1.30	0.6588	---	5
6	---	---	0.190B	7.54	1.88	2.17	0.788	0.181	0.017	1.28	---	---	6
7	---	---	0.190B	7.10	1.83	2.31	0.848	0.147	0.089	1.26	---	---	7
8	---	---	0.180B	6.81	1.86	2.42	0.501	0.127	0.108	1.33	---	---	8
9	---	---	0.180B	6.37	1.84	2.28	0.290	0.103	0.100	1.28	---	---	9
10	---	---	0.180B	6.06	1.38	2.45	0.265	0.078	0.183	1.22	---	---	10
11	---	---	0.175B	5.58	1.71	2.64	0.207	0.109	0.183	1.17	---	---	11
12	---	---	0.175B	5.15	1.84	3.28	0.200	0.090	0.182	1.19	---	---	12
13	---	---	0.175B	4.86	1.73	4.10	0.342	0.088	0.173	1.13	---	---	13
14	---	---	0.170B	4.46	1.88	4.38	0.384	0.098	0.180	0.856	---	---	14
15	---	---	0.170B	4.24	1.77	4.54	0.422	0.078	0.148	1.04	---	---	15
16	---	---	0.200B	3.96	1.28	4.18	0.481	0.076	0.137	0.916	---	---	16
17	---	---	0.250B	3.43	1.30	3.74	0.524	0.127	0.128	0.837	---	---	17
18	---	---	0.280B	3.13	0.788	3.86	0.492	0.138	0.111	0.898	---	---	18
19	---	---	0.300B	3.22	0.699	3.87	0.477	0.148	0.094	0.8808	---	---	19
20	---	---	0.310B	3.06	1.78	3.72	0.493	0.152	0.099	0.8708	---	---	20
21	---	---	0.320B	3.00	1.07	4.11	0.438	0.184	0.194	0.8408	---	---	21
22	---	---	0.541B	2.63	0.912	3.77	0.396	0.150	0.290	0.8208	---	---	22
23	---	---	0.538B	2.20	1.26	3.39	0.308	0.145	0.343	0.8108	---	---	23
24	---	---	1.13 B	1.85	1.88	3.14	0.306	0.137	0.352	0.8008	---	---	24
25	---	---	1.80 B	1.87	1.88	2.80	0.274	0.134	0.343	0.7908	---	---	25
26	---	---	1.53 B	1.84	1.81	2.53	0.226	0.118	0.337	0.7808	---	---	26
27	---	---	1.50 B	2.00	2.01	2.27	0.227	0.102	0.430	0.7708	---	---	27
28	---	---	1.80 B	1.97	1.78	1.78	0.218	0.077	0.560	0.7608	---	---	28
29	---	---	2.28 B	1.83	1.80	1.84	0.193	0.060	0.655	0.7508	---	---	29
30	---		3.76 B	1.78	1.83	1.81	0.162	0.043	0.974	0.7408	---	---	30
31	---		5.17 B		1.78		0.147	0.036		0.7308		---	31
TOTAL	---	---	24.182	139.78	48.592	82.818	13.482	3.537	5.396	30.978	---	---	TOTAL
MEAN	---	---	0.780	4.66	1.57	2.76	0.435	0.114	0.213	0.999	---	---	MEAN
MAX	---	---	5.17	10.8	2.08	4.54	1.08	0.184	0.974	1.33	---	---	MAX
MIN	---	---	0.170	1.78	0.699	0.810	0.147	0.036	0.010	0.730	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 10.8B ON APR 3

MAXIMUM INSTANTANEOUS,
12.5 AT 18 00 MST ON APR 3

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 31 N
LONG 113 10 20 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 160
FEB	---	AUG	306
MAR	2 080	SEP	553
APR	12 100	OCT	2 680
MAY	4 200	NOV	---
JUN	7 160	DEC	---

BATTLE RIVER NEAR FORESTBURG - STATION NO 05PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.39B	4.77	2.81	2.38	0.021	0.008	0.023	---	---	1
2	---	---	0 B	5.46B	4.38	5.26	2.42	0.038	0.007	1.43	---	---	2
3	---	---	0 B	5.91B	3.90	3.84	2.36	0.036	0.007	0.483	---	---	3
4	---	---	0 B	5.66B	3.58	1.28	2.32	0.020	0.008	0.338	---	---	4
5	---	---	0 B	5.94B	3.81	0.844	2.05	0.003	0.008	0.380	---	---	5
6	---	---	0 B	7.15	3.58	0.835	1.87	0.009	0.009	0.344	---	---	6
7	---	---	0 B	8.16	3.46	0.883	1.33	0.113	0.008	0.259	---	---	7
8	---	---	0 B	9.27	3.27	2.01	1.41	0.087	0.010	0.163	---	---	8
9	---	---	0 B	9.81	3.09	3.87	1.48	0.018	0.010	0.126	---	---	9
10	---	---	0 B	10.2	2.88	3.44	1.46	0.012	0.011	0.088	---	---	10
11	---	---	0 B	10.2	2.88	2.83	1.23	0.011	0.011	0.036	---	---	11
12	---	---	0 B	10.1	2.80	3.38	1.04	0.010	0.011	0.026	---	---	12
13	---	---	0 B	10.0	2.83	4.32	1.26	0.010	0.011	0.019	---	---	13
14	---	---	0 B	9.82	2.90	3.46	0.995	0.010	0.012	0.036	---	---	14
15	---	---	0 B	9.56	1.65 A	2.92	0.831	0.011	0.012	0.041	---	---	15
16	---	---	0 B	9.29	1.70 E	3.13	0.788	0.010	0.011	0.021	---	---	16
17	---	---	0 B	8.96	1.74 E	3.55	0.700	0.008	0.011	0.029	---	---	17
18	---	---	0 B	8.50	1.78 E	3.86	0.638	0.008	0.010	0.039	---	---	18
19	---	---	0 B	8.72	1.77 E	3.86	0.606	0.008	0.010	1.13	---	---	19
20	---	---	0 B	8.61	1.71 E	3.57	0.333	0.008	0.015	2.37	---	---	20
21	---	---	0.015B	8.46	1.70 E	3.86	0.278	0.007	0.728	1.83	---	---	21
22	---	---	0.034B	8.19	1.73 E	3.45	0.324	0.007	2.11	1.18	---	---	22
23	---	---	0.200B	8.01	1.71 A	3.38	0.340	0.007	1.70	0.704	---	---	23
24	---	---	0.685B	7.84	1.80 E	3.34	0.304	0.008	0.772	0.518	---	---	24
25	---	---	1.25 B	7.84	1.44 E	3.09	0.284	0.008	0.284	0.411	---	---	25
26	---	---	1.82 B	7.33	1.00 E	3.08	0.158	0.008	0.176	0.3738	---	---	26
27	---	---	1.69 B	6.84	0.740E	3.04	0.110	0.010	0.139	0.2688	---	---	27
28	---	---	1.77 B	6.39	0.657A	2.75	0.083	0.010	0.114	0.1788	---	---	28
29	---	---	2.16 B	5.74	0.780E	2.72	0.036	0.008	0.083	0.1088	---	---	28
30	---		2.70 B	5.24	1.40 A	2.47	0.037	0.008	0.049	0.0588	---	---	30
31	---		3.36 B		1.88		0.027	0.008		0.1018		---	31
TOTAL	---	---	15.484	238.88	72.337	90.372	28.984	0.530	6.383	13.098	---	---	TOTAL
MEAN	---	---	0.499	8.00	2.33	3.01	0.935	0.017	0.212	0.422	---	---	MEAN
MAX	---	---	3.36	10.2	4.77	5.26	2.42	0.113	2.11	2.37	---	---	MAX
MIN	---	---	0	4.39	0.657	0.835	0.027	0.003	0.007	0.019	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.91
MAXIMUM DAILY, 10.2 ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.3 AT 22:25 MST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 23 N
LONG 112 20 48 W
DRAINAGE AREA, 7 660 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 800
FEB	---	AUG	44 9
MAR	1 340	SEP	550
APR	20 700	OCT	1 130
MAY	6 250	NOV	---
JUN	7 810	DEC	---

TOTAL DISCHARGE, 40 300 dam³

BATTLE RIVER NEAR PONOKA - STATION NO 05PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1658	0.2848	0.2768	5.40	1.15	2.06	0.334	0.082	0.025	1.43	0.9308	0.5538	1
2	0.1618	0.3028	0.2908	4.91	1.03	2.59	0.285	0.081	0.025	1.33	0.8078	0.5508	2
3	0.1678	0.3128	0.2948	4.38	1.19	2.87	0.263	0.061	0.020	1.26	0.8908	0.5408	3
4	0.1668	0.3248	0.3008	4.18	1.33	2.41	0.200	0.062	0.017	1.11	0.8558	0.5308	4
5	0.1608	0.3238	0.3108	3.18	1.62	1.88	0.192	0.062	0.012	1.07	0.8538	0.5188	5
6	0.1328	0.3208	0.3248	3.55	2.24	1.94	0.200	0.063	0.012	1.01	0.8348	0.5048	6
7	0.1308	0.3208	0.3308	3.36	2.53	2.44	0.191	0.605	0.024	0.855	0.8208	0.5198	7
8	0.1298	0.3208	0.3358	3.01	2.08	3.67	0.188	0.007	0.072	0.732	0.7978	0.5418	8
9	0.1308	0.3328	0.3418	2.53	1.83	6.29	0.232	0.009	0.312	0.769	0.7608	0.5728	9
10	0.1318	0.3288	0.3438	2.31	1.78	9.33	0.223	0.012	1.51	0.788	0.7198	0.5898	10
11	0.1358	0.3218	0.3468	2.04	1.80	9.76	0.199	0.019	1.53	0.827	0.6908	0.5508	11
12	0.1428	0.3158	0.3518	1.93	1.59	8.73	0.162	0.048	1.23	0.774	0.6078	0.4858	12
13	0.1508	0.3098	0.3558	1.76	1.40	8.78	0.132	0.112	0.869	0.780	0.5588	0.4398	13
14	0.1638	0.3028	0.3628	1.61	1.40	8.31	0.056	0.088	0.883	1.20	0.5538	0.4008	14
15	0.1728	0.2888	0.3858	1.53	1.45	4.32	0.081	0.231	0.882	1.11	0.5488	0.3758	15
16	0.1788	0.2928	0.3808	1.50	1.45	3.21	0.073	0.186	0.323	0.904	0.5488	0.3338	16
17	0.1638	0.2808	0.3918	1.54	1.55	2.82	0.059	0.127	0.207	0.783	0.5368	0.3138	17
18	0.1958	0.2708	0.4058	1.61	2.77	3.06	0.039	0.106	0.245	0.854	0.5178	0.2938	18
19	0.2128	0.2588	0.4218	1.55	2.83	2.70	0.013	0.083	0.287	0.9108	0.5148	0.2868	19
20	0.2288	0.2588	0.4388	1.42	2.56	2.28	0.013	0.094	0.357	0.9858	0.5098	0.3058	20
21	0.2428	0.2768	0.4618	1.36	2.17	2.08	0.008	0.106	0.619	0.9888	0.5118	0.2928	21
22	0.2508	0.2858	0.4958	1.35	1.86	1.97	0.020	0.088	0.894	0.9708	0.5258	0.2638	22
23	0.2488	0.2808	0.7298	1.34	1.86	1.80	0.027	0.070	1.97	0.9958	0.5308	0.2628	23
24	0.2438	0.2788	1.148	1.28	1.89	1.38	0.023	0.056	5.00	1.158	0.5278	0.2588	24
25	0.2378	0.2608	2.468	1.18	1.83	1.12	0.017	0.048	8.14	1.258	0.5548	0.2558	25
26	0.2308	0.2428	5.548	1.01	1.94	0.878	0.015	0.044	3.64	1.128	0.5858	0.2738	26
27	0.2408	0.2488	7.258	0.914	2.08	0.646	0.017	0.044	2.94	1.028	0.6288	0.2808	27
28	0.2538	0.2558	8.428	0.998	2.08	0.481	0.008	0.041	2.55	0.9858	0.6208	0.2878	28
29	0.2678	0.2628	5.268	1.13	2.05	0.358	0.004	0.038	2.29	0.9658	0.6008	0.2668	29
30	0.2828		5.308	1.24	1.92	0.384	0.003	0.033	1.78	0.9578	0.5788	0.2658	30
31	0.2888		5.358		1.86		0.002	0.025		0.9438		0.2628	31
TOTAL	5.991	8.454	47.349	64.982	56.65	95.527	3.280	1.733	38.595	30.782	19.801	12.218	TOTAL
MEAN	0.193	0.292	1.53	2.17	1.83	3.18	0.106	0.056	1.22	0.993	0.653	0.394	MEAN
MAX	0.288	0.332	7.25	5.40	2.83	9.76	0.334	0.231	5.14	1.43	0.930	0.589	MAX
MIN	0.129	0.242	0.275	0.914	1.03	0.384	0.002	0.001	0.012	0.732	0.508	0.255	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 9.76 ON JUN 11
MINIMUM DAILY, 0.001 ON AUG 2
MAXIMUM INSTANTANEOUS,
11.1 AT 15.27 MST ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 44 N
LONG 113 34 56 W
DRAINAGE AREA, 1 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	518	JUL	283
FEB	730	AUG	150
MAR	4 090	SEP	3 160
APR	5 610	OCT	2 660
MAY	4 880	NOV	1 690
JUN	8 250	DEC	1 060

TOTAL DISCHARGE, 33 100 dam³

BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY - STATION NO 05PE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27 B	1.15 B	0.898B	17.8 B	7.97	3.71	5.23	1.71	0.558	5.58	0.9148	0.8468	1
2	1.28 B	1.35 B	0.823B	18.2 B	7.51	3.76	4.67	1.59	0.652	4.76	0.9198	0.8278	2
3	1.26 B	1.33 B	0.795B	17.0 B	7.14	3.81	4.52	1.54	0.643	4.23	0.8788	0.8048	3
4	1.26 B	1.21 B	0.825B	18.5 B	6.88	3.44	4.26	1.47	0.612	3.78	0.8678	0.7978	4
5	1.26 B	1.26 B	0.815B	20.0 B	6.44	3.39	4.08	1.43	0.569	3.44	0.8768	0.8028	5
6	1.25 B	1.36 B	0.851B	21.0 B	5.91	3.41	3.78	1.36	0.517	3.11	0.9108	0.8228	6
7	1.25 B	1.34 B	0.872B	20.1	5.41	3.62	3.59	1.33	0.465	2.76	0.9528	0.8268	7
8	1.25 B	1.30 B	0.874B	20.8	5.16	4.00	3.53	1.30	0.539	2.65	0.9608	0.8288	8
9	1.24 B	1.30 B	0.974B	18.9	5.03	5.79	3.38	1.25	0.612	2.38	0.9478	0.8198	9
10	1.24 B	1.31 B	1.01 B	15.4	4.83	6.96	3.19	1.19	0.623	2.26	0.9488	0.8128	10
11	1.24 B	1.24 B	0.983B	14.4	4.78	7.85	3.02	1.15	0.697	2.10	0.9408	0.8288	11
12	1.20 B	1.17 B	0.958B	14.6	4.65	7.34	2.84	1.10	0.708	1.98	0.9328	0.8248	12
13	1.15 B	1.17 B	1.00 B	14.7	4.98	6.73	2.71	1.02	0.724	1.88	0.9368	0.8318	13
14	1.10 B	1.12 B	0.954B	14.7	4.94	6.41	2.71	0.948	0.687	1.84	0.9308	0.8588	14
15	1.07 B	1.13 B	0.940B	14.2	4.72	6.08	2.60	0.911	0.662	1.69	0.9228	0.8198	15
16	1.02 B	1.08 B	0.929B	13.9	4.70	5.74	2.68	0.879	0.657	1.62	0.9148	0.8368	16
17	0.978B	1.18 B	0.865B	13.1	4.48	5.52	3.02	0.838	0.648	1.57	0.9358	0.8178	17
18	0.936B	1.08 B	0.862B	12.7	4.56	5.87	2.88	0.813	0.883	1.68	0.9298	0.8038	18
19	0.893B	1.14 B	0.908B	12.3	4.68	6.70	2.64	0.784	0.880	1.53	0.9208	0.8058	19
20	0.849B	1.24 B	0.937B	11.9	4.40	7.21	2.58	0.709	0.585	1.89	0.9458	0.8058	20
21	0.808B	1.27 B	0.957B	11.5	4.26	7.36	2.52	0.702	0.786	1.64	0.9468	0.8428	21
22	0.762B	1.18 B	1.06 B	11.0	4.33	7.37	2.51	0.707	0.804	1.58	0.9358	0.8248	22
23	0.719B	1.18 B	2.16 B	10.8	4.82	7.77	2.43	0.857	1.01	1.57	0.9218	0.8318	23
24	0.676B	1.14 B	2.90 B	11.2	5.30	7.81	2.31	0.850	1.10	1.55	0.9188	0.8258	24
25	0.632B	1.02 B	3.86 B	11.0	5.09	8.42	2.31	0.855	1.30	1.33 B	0.9018	0.7808	25
26	0.678B	1.00 B	4.45 B	10.2	4.75	7.98	2.24	0.840	1.71	1.28 B	0.8838	0.8048	26
27	0.685B	0.978B	3.96 B	9.62	5.20	7.12	2.11	0.591	1.85	1.03 B	0.8768	0.7888	27
28	0.698B	1.03 B	3.91 B	8.85	4.92	6.72	1.97	0.551	7.26	0.917B	0.8678	0.7438	28
29	0.721B	1.08 B	14.0 B	8.38	4.52	6.27A	1.91	0.545	8.64	1.01 B	0.8588	0.7848	29
30	0.820B		14.7 B	8.30	4.08	5.71A	1.78	0.598	7.10	0.817B	0.8488	0.7628	30
31	0.888B		14.8 B		3.78		1.75	0.598		0.888B		0.7548	31
TOTAL	31.001	34.395	89.750	426.15	160.07	181.66	92.14	30.221	44.344	86.082	27.423	25.106	TOTAL
MEAN	1.00	1.19	2.90	14.2	5.16	6.06	2.97	0.975	1.48	2.13	0.914	0.810	MEAN
MAX	1.27	1.36	14.8	21.0	7.97	8.42	5.23	1.71	8.64	5.58	0.960	0.856	MAX
MIN	0.625	0.978	0.795	8.30	3.78	3.39	1.75	0.545	0.465	0.817	0.848	0.743	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.35
MAXIMUM DAILY, 21.0B ON APR 6
MINIMUM DAILY, 0.465 ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 23 N
LONG 110 01 06 W
DRAINAGE AREA, 25 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 680	JUL	7 980
FEB	3 970	AUG	2 610
MAR	7 750	SEP	3 830
APR	36 700	OCT	5 710
MAY	13 800	NOV	2 370
JUN	15 700	DEC	2 170

TOTAL DISCHARGE, 104 000 dam³

BEAR CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.004	0	0	0	0	0	---	---	1
2	---	---	0	0	0.004	0	0	0	0	0	---	---	2
3	---	---	0	0	0.004	0	0	0	0	0	---	---	3
4	---	---	0	0	0.003	0	0	0	0	0	---	---	4
5	---	---	0	0	0.005	0	0	0	0	0	---	---	5
6	---	---	0	0	0.015	0	0	0	0	0	---	---	6
7	---	---	0	0	0.020	0	0	0	0	0	---	---	7
8	---	---	0	0	0.017	0	0	0	0	0	---	---	8
9	---	---	0	0	0.017	0	0	0	0	0	---	---	9
10	---	---	0	0	0.013	0	0	0	0	0	---	---	10
11	---	---	0	0	0.010	0	0	0	0	0	---	---	11
12	---	---	0	0	0.007	0	0	0	0	0	---	---	12
13	---	---	0	0	0.006	0	0	0	0	0	---	---	13
14	---	---	0	0	0.013	0	0	0	0	0	---	---	14
15	---	---	0	0	0.052	0	0	0	0	0	---	---	15
16	---	---	0	0	0.031	0	0	0	0	0	---	---	16
17	---	---	0	0	0.021	0	0	0	0	0	---	---	17
18	---	---	0	0	0.015	0	0	0	0	0	---	---	18
19	---	---	0	0.005	0.012	0	0	0	0	0	---	---	19
20	---	---	0	0.027	0.008	0	0	0	0	0	---	---	20
21	---	---	0	0.028	0.006	0	0	0	0	0	---	---	21
22	---	---	0	0.021	0.004	0	0	0	0	0	---	---	22
23	---	---	0	0.016	0.002	0	0	0	0	0	---	---	23
24	---	---	0	0.011	0.003	0	0	0	0	0	---	---	24
25	---	---	0	0.007	0.003	0	0	0	0	0	---	---	25
26	---	---	0	0.008	0.002	0	0	0	0	0	---	---	26
27	---	---	0	0.006	0.002	0	0	0	0	0	---	---	27
28	---	---	0	0.006	0.002	0	0	0	0	0	---	---	28
29	---	0A	0	0.006	0.002	0	0	0	0	0	---	---	29
30	---		0	0.005	0.001	0	0	0	0	0A	---	---	*C
31	---		0		0		0	0	0	0E		---	31
TOTAL	---	---	0	0.142	0.304	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.005	0.010	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.027	0.052	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 002
MAXIMUM DAILY, 0 052 ON MAY 15
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 382 AT 18 20 MST ON MAY 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 111 12 48 W
DRAINAGE AREA, 87 3 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	12 3	OCT	0
MAY	28 3	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 38 6 dam³

BEAR LAKE NEAR CLAIRMONT - STATION NO. 07GE004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28 107	28 139	---	---	---	28 009	---	---	1
2	---	---	---	28 085	28 097	---	---	---	---	28 009	---	---	2
3	---	---	---	---	---	---	---	---	27 979	---	---	---	3
4	---	---	---	---	---	---	28 276	---	27 979	---	---	---	4
5	---	---	---	---	28 105	---	28 288	---	---	28 009	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	28 106	---	---	---	---	---	---	---	7
8	---	---	---	---	28 088	---	28 286	28 071	27 984	---	---	---	8
9	---	---	---	---	---	28 186	---	28 088	---	28 009	---	---	9
10	---	---	---	---	---	28 207	---	---	---	---	---	---	10
11	---	---	---	---	28 095	28 217	28 257	---	---	---	---	---	11
12	---	---	---	28 055	28 089	28 229	---	28 046	---	28 004	---	---	12
13	---	---	---	---	---	---	---	---	27 994	28 004	---	---	13
14	---	---	---	---	---	---	28 247	---	---	---	---	---	14
15	---	---	---	---	---	---	28 247	---	---	---	---	---	15
16	---	---	---	---	28 091	28 276	28 247	---	28 009	---	---	---	16
17	---	---	---	28 117	---	28 286	---	---	28 014	27 994	---	---	17
18	---	---	---	---	---	---	---	28 022	---	---	---	---	18
19	---	---	---	---	28 113	28 285	---	28 023	---	27 994	---	---	19
20	---	---	---	---	---	---	28 188	28 023	---	---	---	---	20
21	---	---	---	---	28 112	28 279	28 188	---	28 024	---	---	---	21
22	---	---	---	---	---	---	28 188	---	---	---	---	---	22
23	---	---	---	---	---	28 276	---	---	---	---	---	---	23
24	---	---	---	---	28 122	---	---	---	28 014	---	---	---	24
25	---	---	---	---	---	---	---	---	28 014	---	---	---	25
26	---	---	---	---	28 139	---	28 181	28 013	---	---	---	---	26
27	---	---	---	---	28 121	---	28 139	28 014	---	---	---	---	27
28	---	---	---	---	---	---	28 129	28 004	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	28 129	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 18 10 N
LONG 118 58 30 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
1 180 km²

BEAR RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3558	0.4708	0.1628	1.25 B	0.036	0.177	2.15	0.283	0.009	0.020	0.0178	0 B	1
2	0.3758	0.4858	0.1258	1.26 B	0.032	0.128	2.10	0.231	0.008	0.054	0.0208	0 B	2
3	0.4058	0.4408	0.1028	1.11 B	0.310	0.102	1.64	0.180	0.010	0.107	0.0218	0 B	3
4	0.4508	0.4208	0.0908	0.6368	0.232	0.078	1.48	0.123	0.011	0.118	0.0228	0 B	4
5	0.5258	0.4158	0.0898	0.3188	0.281	0.091	1.50	0.094	0.013	0.125	0.0238	0 B	5
6	0.5258	0.4008	0.1108	0.3788	0.181	0.475	1.85	0.073	0.020	0.118	0.0228	0 B	6
7	0.5008	0.3758	0.1208	0.3218	0.099	1.81	2.08	0.155	0.031	0.111	0.0208	0 B	7
8	0.4808	0.3408	0.1408	0.2388	0.096	6.21	1.71	0.115	0.032	0.102	0.0188	0.0018	8
9	0.4858	0.3208	0.1408	0.1478	0.078	8.76	1.54	0.013	0.026	0.099	0.0118	0.0018	9
10	0.4508	0.2858	0.1408	0.0818	0.072	6.66	1.53	0.014	0.027	0.095	0.0088	0.0028	10
11	0.4458	0.2858	0.1408	0.0638	0.066	4.45	1.45	0.014	0.032	0.098	0.0058	0.0028	11
12	0.4458	0.3058	0.1208	0.0608	0.072	3.27	1.40	0.017	0.042	0.104	0.0038	0.0028	12
13	0.4508	0.3058	0.1058	0.0608	0.087	2.52	1.44	0.015	0.037	0.109	0.0028	0.0018	13
14	0.4458	0.2958	0.1158	0.0738	0.076	2.13	1.42	0.010	0.031	0.115	0.0028	0.0018	14
15	0.4408	0.2758	0.1208	0.0608	0.071	1.78	1.38	0.014	0.024	0.114	0.0018	0.0018	15
16	0.4558	0.2758	0.1408	0.0508	0.103A	1.82	1.28	0.015	0.023	0.115	0.0018	0 B	16
17	0.4508	0.2858	0.1758	0.0258	1.10 E	1.69	1.24	0.011	0.024	0.118	0.0028	0 B	17
18	0.4408	0.3008	0.2158	0.018A	7.20 E	1.49	1.04	0.010	0.028	0.1158	0.0028	0 B	18
19	0.4408	0.3058	0.5208	0.024	4.75 E	1.43	1.10	0.007	0.030	0.1068	0.0038	0 B	19
20	0.4658	0.3058	0.8158	0.019	3.40 E	1.61	0.885	0.009	0.031	0.0958	0.0038	0 B	20
21	0.4758	0.2908	1.10 B	0.017	2.45 E	1.58	0.855	0.003	0.032	0.0848	0.0038	0 B	21
22	0.4708	0.2658	1.60 B	0.016	1.85 E	1.55	0.742	0	0.028	0.0758	0.0028	0 B	22
23	0.4658	0.2608	2.10 B	0.016	2.35 A	1.54	0.624	0	0.023	0.0758	0.0028	0 B	23
24	0.4538	0.2858	1.80 B	0.226	2.09	1.59	0.584	0.001	0.019	0.0858	0.0018	0 B	24
25	0.4658	0.2658	1.50 B	0.139	1.72	1.63	0.688	0.003	0.020	0.0578	0.0018	0 B	25
26	0.4708	0.2458	1.80 B	0.074	1.43	1.38	0.685	0.004	0.020	0.0508	0.0018	0 B	26
27	0.4808	0.2258	1.42 B	0.038	1.30	1.44	0.774	0.004	0.022	0.0418	0.0018	0 B	27
28	0.4908	0.2088	2.40 B	0.056	0.986	1.37	0.868	0.005	0.021	0.0278	0 B	0 B	28
29	0.4958	0.1988	1.55 B	0.088	0.802	1.43	0.678	0.005	0.023	0.0188	0 B	0 B	29
30	0.4958		0.6568	0.047	0.347	2.29	0.454	0.006	0.020	0.0188	0 B	0 B	30
31	0.4908		1.18 B		0.214		0.351	0.007		0.0168		0 B	31
TOTAL	14.253	9.096	20.848	8.886	33.620	62.252	37.150	1.439	0.720	2.586	0.215	0.011	TOTAL
MEAN	0.460	0.314	0.673	0.230	1.08	2.08	1.20	0.046	0.024	0.083	0.007	0	MEAN
MAX	0.525	0.470	2.40	1.26	7.20	8.76	2.15	0.281	0.042	0.125	0.023	0.002	MAX
MIN	0.355	0.198	0.090	0.016	0.032	0.079	0.351	0	0.003	0.016	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.517
MAXIMUM DAILY, 8.76 ON JUN 9
MINIMUM DAILY, 0 ON AUG 22
MAXIMUM INSTANTANEOUS,
9.31 AT 06:00 MST ON JUN 9

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 118 50 08 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 230	JUL	3 210
FEB	786	AUG	124
MAR	1 800	SEP	62 2
APR	595	OCT	222
MAY	2 900	NOV	18 6
JUN	5 380	DEC	0 95

TOTAL DISCHARGE, 16 300 dam³

BEARBERRY CREEK NEAR SUNDRE - STATION NO. 05CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.144	0.267	0.085	0.089	0.005	0.121	---	---	1
2	---	---	---	---	0.141	0.282	0.063	0.048	0.004	0.124	---	---	2
3	---	---	---	---	0.147	0.215	0.068	0.048	0.002	0.133	---	---	3
4	---	---	---	0.6628	0.193	0.171	0.075	0.037	0.003	0.147	---	---	4
5	---	---	---	---	0.173	0.171	0.078	0.024	0.003	0.178	---	---	5
6	---	---	---	---	0.177	1.38	0.065	0.054	0.011	0.224	---	---	6
7	---	---	---	---	0.165	1.19	0.052	0.039	0.047	0.201	---	---	7
8	---	---	---	---	0.193	2.85	0.032	0.025	0.351	0.180	---	---	8
9	---	---	---	---	0.221	9.28	0.026	0.047	0.210	0.158	---	---	9
10	---	---	---	0.2138	0.840	6.95	0.027	0.051	0.134	0.143	---	---	10
11	---	---	---	---	0.238	3.33	0.015	0.029	0.106	0.134	---	---	11
12	---	---	---	---	0.218	1.98	0.014	0.026	0.099	0.180	---	---	12
13	---	---	---	---	0.207	1.19	0.014	0.024	0.103	0.159	---	---	13
14	---	---	---	---	0.184	0.786	0.008	0.021	0.108	0.126	---	---	14
15	---	---	---	---	0.186	0.571	0.006	0.021	0.123	0.113	---	---	15
16	---	---	---	0.1908	0.330	0.502	0.003	0.018	0.123	0.118	---	---	16
17	---	---	---	---	0.741	0.678	0.003	0.018	0.114	0.113	---	---	17
18	---	---	---	---	0.457	0.629	0.004	0.016	0.104	0.108	---	---	18
19	---	---	---	---	0.303	0.547	0.004	0.021	0.089	0.105	---	---	19
20	---	---	---	0.439	0.262	0.446	0.009	0.017	0.092	0.108	---	---	20
21	---	---	---	0.485	0.227	0.504	0.057	0.017	0.178	0.108	---	---	21
22	---	---	1.84 B	0.478	0.237	0.334	0.055	0.017	0.329	0.112	---	---	22
23	---	---	---	0.388	0.508	0.277	0.088	0.016	0.342	0.128	---	---	23
24	---	---	---	0.316	0.190	0.258	0.058	0.017	0.245	0.139	---	---	24
25	---	---	---	0.259	0.193	0.231	0.040	0.015	0.212	0.151A	---	---	25
26	---	---	---	0.245	0.230	0.202	0.031	0.014	0.180	0.1408	---	---	26
27	---	---	---	0.234	0.674	0.184	0.028	0.013	0.164	0.1308	---	---	27
28	---	---	0.4208	0.187	0.583	0.136	0.031	0.008	0.187	0.1208	---	---	28
29	---	---	---	0.159	0.483	0.117	0.031	0.007	0.181	0.1108	---	---	29
30	---		---	0.150	0.340	0.111	0.038	0.008	0.132	0.1008	---	---	30
31	---		---		0.284		0.061	0.008		0.0908		---	31
TOTAL	---	---	---	---	8.358	35.869	1.184	0.787	3.982	4.207	---	---	TOTAL
MEAN	---	---	---	---	0.271	1.20	0.038	0.026	0.132	0.136	---	---	MEAN
MAX	---	---	---	---	0.741	9.28	0.086	0.089	0.351	0.224	---	---	MAX
MIN	---	---	---	---	0.141	0.111	0.003	0.008	0.002	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 9.28 ON JUN 9

MAXIMUM INSTANTANEOUS,
10.9 AT 16:55 MST ON JUN 9

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 46 25 N
LONG 114 42 30 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	101
FEB	---	AUG	86.9
MAR	---	SEP	342
APR	---	OCT	383
MAY	725	NOV	---
JUN	3 100	DEC	---

BEAVER CREEK NEAR BROCKET - STATION NO. 05AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0168	0.060	0.030	0.005	0	0	0	0	---	---	1
2	---	---	0.0178	0.057	0.026	0.004	0	0	0	0	---	---	2
3	---	---	0.0188	0.056	0.021	0.004	0	0	0	0	---	---	3
4	---	---	0.0208	0.069	0.020	0.004	0	0	0	0	---	---	4
5	---	---	0.0248	0.075	0.019	0.004	0	0.004	0	0	---	---	5
6	---	---	0.026	0.083	0.023	0.004	0	0	0	0	---	---	6
7	---	---	0.034	0.080	0.036	0.003	0	0	0	0	---	---	7
8	---	---	0.036	0.076	0.040	0.006	0	0	0	0	---	---	8
9	---	---	0.036	0.075	0.034	0.009	0	0	0	0	---	---	9
10	---	---	0.0308	0.069	0.030	0.008	0	0	0	0	---	---	10
11	---	---	0.0218	0.054	0.025	0.004	0	0	0	0	---	---	11
12	---	---	0.0188	0.053	0.020	0.014	0	0	0	0	---	---	12
13	---	---	0.0138	0.060	0.020	0.011	0	0	0	0	---	---	13
14	---	---	0.0158	0.051	0.017	0.008	0	0	0	0	---	---	14
15	---	---	0.0178	0.042	0.018	0.008	0	0	0	0	---	---	15
16	---	---	0.0208	0.028	0.023	0.005	0	0	0	0	---	---	16
17	---	---	0.0248	0.029	0.020	0.004	0	0	0	0	---	---	17
18	---	---	0.0308	0.068	0.018	0.003	0	0	0	0	---	---	18
19	---	---	0.0368	0.081	0.017	0.003	0	0	0	0	---	---	19
20	---	---	0.0478	0.068	0.018	0.002	0	0	0	0	---	---	20
21	---	---	0.055	0.048	0.018	0.004	0	0	0	0	---	---	21
22	---	---	0.058	0.038	0.014	0.005	0	0	0	0	---	---	22
23	---	---	0.063	0.026	0.011	0.005	0	0	0	0	---	---	23
24	---	---	0.052	0.027	0.010	0.004	0	0	0	0	---	---	24
25	---	---	0.070	0.035	0.008	0.003	0	0	0	0	---	---	25
26	---	---	0.068	0.035	0.008	0.002	0	0	0	0	---	---	26
27	---	---	0.061	0.032	0.010	0.001	0	0	0	0	---	---	27
28	---	0.0188	0.054	0.031	0.008	0.001	0	0	0	0	---	---	28
29	---	0.0168	0.062	0.031	0.008	0.001	0	0	0	0A	---	---	29
30	---		0.058	0.034	0.009	0	0	0	0	0E	---	---	30
31	---		0.053		0.007		0	0		0E		---	31
TOTAL	---	---	1.169	1.567	0.586	0.138	0	0.004	0	0	---	---	TOTAL
MEAN	---	---	0.038	0.052	0.019	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0.070	0.083	0.040	0.014	0	0.004	0	0	---	---	MAX
MIN	---	---	0.013	0.026	0.007	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.083 ON APR 6
MINIMUM DAILY, 0 ON JUN 30
MAXIMUM INSTANTANEOUS,
0.146 AT 14:25 MST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 21 N
LONG 113 47 38 W
DRAINAGE AREA, 256 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0.35
MAR	101	SEP	0
APR	135	OCT	0
MAY	50.5	NOV	---
JUN	11.9	DEC	---

TOTAL DISCHARGE, 299 dam³

BEAVER LAKE AT RANGER STATION - STATION NO. 05AA003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	1.518	1.491	1.591	---	---	---	---	---	---	2
3	---	---	---	---	1.521	1.591	1.556	---	---	---	---	---	3
4	---	---	---	---	---	---	1.591	---	---	---	---	---	4
5	---	---	---	---	---	---	---	1.506	1.411	---	---	---	5
6	---	---	---	---	1.521	---	---	---	---	---	---	---	6
7	---	---	---	---	---	1.601	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	1.441	---	---	---	8
9	---	---	---	1.273	---	---	---	---	---	1.426	---	---	9
10	---	---	---	---	---	---	1.571	1.501	---	---	---	---	10
11	---	---	---	---	1.511	1.591	---	---	---	1.419	---	---	11
12	---	---	---	---	1.511	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	1.511	1.611	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	1.491	---	---	---	---	15
16	---	---	---	---	---	1.611	1.551	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	1.541	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	1.541	1.476	---	---	---	---	19
20	---	---	---	---	---	---	1.551	---	---	---	---	---	20
21	---	---	---	---	1.551	---	---	---	---	---	---	---	21
22	---	---	---	---	1.556	1.601	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	1.471	---	---	---	---	23
24	---	---	---	---	---	---	1.536	---	---	---	---	---	24
25	---	---	---	---	---	1.591	1.536	---	---	---	---	---	25
26	---	---	---	---	1.561	---	---	1.461	---	---	---	---	26
27	---	---	1.518	---	1.561	---	1.531	---	---	---	---	---	27
28	---	---	---	---	1.551	1.577	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	1.556	1.571	---	1.431	---	---	---	---	30
31	---		---		---		1.511	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 45 40 N
LONG 111 54 05 W

NATURAL FLOW

DRAINAGE AREA,
331 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BEAVER RIVER ABOVE SYNCRUDE - STATION NO. 07DA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0108	0.0058	0.0058	0.0388	0.308	3.71	0.340	0.149	0.271	0.119	0.1858	0.1208	1
2	0.0108	0.0058	0.0058	0.0448	0.305	13.8	0.301	0.136	0.288	0.187	0.1808	0.1208	2
3	0.0098	0.0058	0.0058	0.0528	0.302	11.7	0.301	0.134	0.308	0.198	0.1548	0.1208	3
4	0.0098	0.0058	0.0058	0.0648	0.301	7.42	0.294	0.115	0.292	0.200	0.1508	0.1208	4
5	0.0088	0.0058	0.0058	0.0768	0.300	4.87	0.275	0.120	0.263	0.208	0.1468	0.1208	5
6	0.0088	0.0058	0.0058	0.0988	0.298	3.74	0.271	0.104	0.250	0.205	0.1438	0.1208	6
7	0.0078	0.0058	0.0058	0.1208	0.298	2.42	0.657	0.098	0.241	0.208	0.1408	0.1208	7
8	0.0078	0.0058	0.0058	0.1508	0.302	1.75	0.947	0.097	0.238	0.178	0.1388	0.1208	8
9	0.0068	0.0058	0.0058	0.1808	0.304	1.36	0.837	0.092	0.241	0.177	0.1368	0.1208	9
10	0.0068	0.0058	0.0058	0.2398	0.310	1.07	0.684	0.097	0.254	0.180	0.1348	0.1208	10
11	0.0058	0.0058	0.0058	0.2808	0.309	0.865	0.580	0.103	0.263	0.208	0.1338	0.1188	11
12	0.0058	0.0058	0.0058	0.3408	0.329	0.704	0.520	0.091	0.225	0.212	0.1328	0.1188	12
13	0.0058	0.0058	0.0058	0.420	0.345	0.595	0.536	0.104	0.206	0.294	0.1308	0.1178	13
14	0.0058	0.0058	0.0058	0.495	0.359	0.524	0.673	0.247	0.203	0.337	0.1298	0.1138	14
15	0.0058	0.0058	0.0058	0.623	0.379	0.444	0.748	0.232	0.207	0.316	0.1288	0.1108	15
16	0.0058	0.0058	0.0058	0.568	0.406	0.380	0.717	0.208	0.237	0.279	0.1278	0.1068	16
17	0.0058	0.0058	0.0068	0.550	0.463	0.414	0.607	0.215	0.239	0.308	0.1268	0.1028	17
18	0.0058	0.0058	0.0088	0.715	0.540	0.443	0.495	0.180	0.242	0.478	0.1258	0.0988	18
19	0.0058	0.0058	0.0078	0.607	0.672	0.374	0.383	0.205	0.226	0.541	0.1248	0.0968	19
20	0.0058	0.0058	0.0088	0.497	0.882	0.440	0.341	0.230	0.210	0.519	0.1238	0.0928	20
21	0.0058	0.0058	0.0088	0.388	0.880	0.503	0.302	0.228	0.184	0.468	0.1238	0.0898	21
22	0.0058	0.0058	0.0108	0.385	0.821	0.450	0.283	0.256	0.118	0.433	0.1228	0.0868	22
23	0.0058	0.0058	0.0128	0.365	0.754	0.411	0.268	0.275	0.104	0.405	0.1228	0.0848	23
24	0.0058	0.0058	0.0148	0.338	0.684	0.374	0.248	0.292	0.110	0.2808	0.1218	0.0828	24
25	0.0058	0.0058	0.0178	0.354	0.572	0.350	0.245	0.285	0.108	0.2598	0.1218	0.0798	25
26	0.0058	0.0058	0.0208	0.338	0.584	0.328	0.228	0.247	0.110	0.2328	0.1218	0.0778	26
27	0.0058	0.0058	0.0228	0.324	0.488	0.308	0.205	0.231	0.130	0.2178	0.1208	0.0748	27
28	0.0058	0.0058	0.0258	0.320	0.441	0.304	0.190	0.241	0.143	0.2018	0.1208	0.0728	28
29	0.0058	0.0058	0.0278	0.318	0.473	0.304	0.178	0.354	0.154	0.1918	0.1208	0.0708	29
30	0.0058		0.0308	0.312	0.390	0.332	0.174	0.383	0.157	0.1828	0.1208	0.0688	30
31	0.0058		0.0348		0.489		0.165	0.316		0.1738		0.0678	31
TOTAL	0.185	0.145	0.327	9 592	14 155	60 483	13.002	6.066	6.211	6.387	3.853	3 120	TOTAL
MEAN	0.006	0.005	0.011	0 320	0.457	2.02	0.419	0 196	0 207	0 271	0 132	0 101	MEAN
MAX	0 010	0.005	0.034	0 715	0 821	13 8	0 947	0.383	0 308	0 541	0 165	0 120	MAX
MIN	0.005	0.005	0.005	0 038	0 298	0 304	0.165	0 091	0 104	0 119	0 120	0 087	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 343
MAXIMUM DAILY, 13.8 ON JUN 2
MINIMUM DAILY, 0 0058 ON JAN 11
MAXIMUM INSTANTANEOUS,
15 4 AT 15:03 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 56 29 N
LONG 111 33 54 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 0	JUL	1 120
FEB	12 5	AUG	524
MAR	28.3	SEP	537
APR	828	OCT	725
MAY	1 220	NOV	342
JUN	5 230	DEC	270

TOTAL DISCHARGE, 10 900 dam³

BEAVER RIVER AT COLD LAKE RESERVE - STATION NO 06AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.158	1.978	2.188	11.78	10.1	41.0	20.6	9.37	3.37	8.52	8.508	5.648	1
2	2.158	1.898	2.188	12.28	9.66	40.5	19.5	8.94	3.40	8.48	8.508	5.498	2
3	2.158	2.008	2.188	12.18	9.33	45.7	18.2	7.99	3.33	8.48	8.658	5.358	3
4	2.158	2.018	2.188	12.18	9.02	58.8	16.8	7.72	3.24	8.44	8.758	5.248	4
5	2.138	2.028	2.188	15.28	8.52	65.7	15.8	8.20	3.27	8.50	8.908	5.228	5
6	2.128	2.038	2.188	15.18	8.21	68.7	15.5	7.87	3.27	8.18	8.948	5.218	6
7	2.118	2.038	2.198	17.4	7.87	70.5	15.3	8.21	3.71	8.07	8.988	5.218	7
8	2.108	2.038	2.198	20.1	7.57	69.2	14.9	8.46	4.17	8.11	8.438	5.118	8
9	2.098	2.038	2.198	18.6	7.10	68.0	15.1	7.55	4.56	8.15	8.288	5.158	9
10	2.068	2.038	2.208	18.8	6.82	67.0	15.2	7.15	4.71	8.02	8.108	5.188	10
11	2.028	2.038	2.208	18.2	6.55	64.9	15.4	7.71	5.07	8.02	7.698	5.008	11
12	2.008	2.038	2.208	19.3	6.29	62.8	15.5	7.34	5.19	8.02	7.518	4.938	12
13	1.988	2.058	2.218	20.0	6.07	60.1	15.7	7.27	5.93	8.06	7.448	4.748	13
14	1.968	2.088	2.228	18.8	5.94	58.1	16.2	7.41	7.18	8.11	7.298	4.908	14
15	1.948	2.088	2.228	19.2	5.86	51.9	15.8	7.30	7.25	8.13	6.788	4.778	15
16	1.928	2.108	2.288	18.8	5.75	47.6	15.8	7.24	7.08	8.48	6.708	4.488	16
17	1.908	2.108	2.328	18.1	5.63	44.0	16.0	7.05	6.81	8.74	6.388	4.208	17
18	1.888	2.118	2.408	17.8	5.81	41.4	16.0	6.85	7.02	7.51	6.218	4.038	18
19	1.878	2.118	2.528	16.9	6.06	39.2	15.8	6.68	7.08	7.95	6.008	3.888	19
20	1.848	2.118	2.708	16.7	6.33	37.5	15.6	6.04	6.86	8.43	5.878	3.818	20
21	1.828	2.118	2.858	15.6	12.0	36.1	15.3	5.92	6.73	9.18	5.888	3.648	21
22	1.818	2.128	3.088	15.7	14.3	34.8	14.7	5.80	6.67	10.3	5.848	3.578	22
23	1.808	2.128	3.308	15.1	24.8	33.6	14.1	5.46	6.72	11.2	5.838	3.528	23
24	1.808	2.138	3.558	14.2	33.1	31.3	13.4	5.34	6.43	12.0	5.798	3.428	24
25	1.808	2.138	3.908	13.4	37.0	28.5	13.0	5.23	6.33	12.0	5.978	3.358	25
26	1.808	2.148	4.508	12.8	38.4	27.4	13.2	4.75	6.31	11.3 B	6.038	3.278	26
27	1.808	2.158	5.508	12.1	40.3	26.5	12.7	4.34	6.51	8.508	6.008	3.208	27
28	1.828	2.168	7.508	11.6	40.5	24.8	12.2	3.86	6.61	8.908	5.928	3.158	28
29	1.868	2.188	12.5 B	11.1	39.3	23.5	12.0	3.66	6.66	8.758	5.788	3.108	29
30	1.898		13.5 B	10.6	38.2	22.0	11.4	3.52	6.59	8.808	5.808	3.078	30
31	1.928		14.6 B		40.8		9.70	3.41		8.558		3.008	31
TOTAL	60.64	60.30	118.91	470.6	516.17	1 390.7	486.40	203.36	170.34	240.58	212.60	133.83	TOTAL
MEAN	1.96	2.08	3.87	15.7	16.7	46.4	15.0	6.56	5.68	7.76	7.08	4.32	MEAN
MAX	2.16	2.16	14.6	20.1	40.8	70.5	20.6	9.37	7.25	12.0	8.96	5.64	MAX
MIN	1.80	1.97	2.16	10.6	5.75	22.0	9.70	3.41	3.24	5.95	5.78	3.00	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 70.5 ON JUN 7
MINIMUM DAILY, 1.808 ON JAN 23
MAXIMUM INSTANTANEOUS,
70.8 AT 18:37 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 20 N
LONG 110 13 00 W
DRAINAGE AREA, 14 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 240	JUL	40 300
FEB	5 300	AUG	17 600
MAR	10 400	SEP	14 700
APR	40 700	OCT	20 800
MAY	44 600	NOV	18 400
JUN	120 000	DEC	11 800

TOTAL DISCHARGE, 350 000 dam³

BEAVER RIVER NEAR GOODRIDGE - STATION NO. 06AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2758	10.6 B	1.68	11.1	4.01	0.477	0.118	0.200	1.15 B	---	1
2	---	---	0.2758	10.4 B	1.55	17.9	3.55	0.570	0.172	0.310	1.13 B	---	2
3	---	---	0.2758	10.3 B	1.43	21.6	3.00	0.883	0.186	0.270	1.12 B	---	3
4	---	---	0.2758	10.2 B	1.38	22.6	2.83	0.778	0.205	0.142	1.12 B	---	4
5	---	---	0.2808	9.468	1.20	22.6	2.44	1.03	0.208	0.115	1.10 B	---	5
6	---	---	0.2858	7.888	1.06	21.9	2.84	0.889	0.223	0.121	1.02 B	---	6
7	---	---	0.2908	7.758	0.995	21.4	2.62	0.802	0.328	0.208	0.921B	---	7
8	---	---	0.2948	7.23	0.974	21.8	2.34	0.483	0.324	0.225	1.00 B	---	8
9	---	---	0.2988	6.83	0.975	22.1	2.07	0.516	0.349	0.255	---	---	9
10	---	---	0.3008	6.03	0.958	21.7	1.88	0.431	0.422	0.250	---	---	10
11	---	---	0.3018	5.32	0.927	20.7	1.68	0.240	0.480	0.228E	---	---	11
12	---	---	0.3018	5.08	0.940	19.2	1.58	0.293	0.445	0.255E	---	---	12
13	---	---	0.3028	4.72	0.896	17.7	1.59	0.342	0.432	0.280E	---	---	13
14	---	---	0.3038	4.64	1.04	16.0	1.63	0.378	0.449	0.322E	---	---	14
15	---	---	0.3048	4.39	1.11	14.5	1.52	0.384	0.457	0.370E	---	---	15
16	---	---	0.3508	4.06	1.17	13.2	1.34	0.329	0.548	0.480E	---	---	16
17	---	---	0.3808	4.13	1.29	12.1	1.16	0.280	0.847	0.540E	---	---	17
18	---	---	0.4258	4.57	1.70	11.1	1.07	0.271	0.794	0.600E	---	---	18
19	---	---	0.4758	4.02	2.54	10.4	1.01	0.182	0.791	1.09 E	---	---	19
20	---	---	0.5758	4.11	4.87	9.89	0.974	0.112	0.654	1.23	---	---	20
21	---	---	0.6608	4.30	6.18	9.45	0.969	0.089	0.881	1.86 B	---	---	21
22	---	---	0.8108	3.92	7.20	8.86	0.969	0.038	0.887	1.91 B	---	---	22
23	---	---	1.25 B	3.61	7.34	8.47	1.00	0.113	0.850	2.02 B	---	---	23
24	---	---	2.25 B	3.17	7.36	7.98	0.962	0.094	0.832	2.06 B	---	---	24
25	---	---	2.75 B	2.78	8.18	7.32	0.926	0.085	0.708	2.06 B	---	---	25
26	---	---	4.75 B	2.54	8.43	6.68	0.943	0.069	0.626	1.98 B	---	---	26
27	---	---	7.00 B	2.33	8.37	6.21	1.01	0.126	0.514	1.88 B	---	---	27
28	---	---	8.25 B	2.10	8.49	5.85	0.936	0.132	0.481	1.76 B	---	---	28
29	---	---	10.2 B	1.91	8.73	5.39	0.815	0.072	0.230	1.49 B	---	---	29
30	---		10.9 B	1.75	8.51	4.84	0.832	0.030	0.083	1.23 B	---	---	30
31	---		10.7 B		8.57		0.432	0.080		1.18 B		---	31
TOTAL	---	---	67.083	180.13	118.103	420.22	80.326	10.418	14.570	28.789	---	---	TOTAL
MEAN	---	---	2.16	5.34	3.75	14.0	1.92	0.336	0.485	0.864	---	---	MEAN
MAX	---	---	10.9	10.6	8.73	22.6	4.01	1.03	0.887	2.06	---	---	MAX
MIN	---	---	0.275	1.75	0.927	4.84	0.432	0.030	0.083	0.115	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.53
MAXIMUM DAILY, 22.6 ON JUN 4
MINIMUM DAILY, 0.030 ON AUG 30
MAXIMUM INSTANTANEOUS,
22.9 AT 13:14 MST ON JUN 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 08 N
LONG 111 22 00 W
DRAINAGE AREA, 4 710 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 350
FEB	---	AUG	900
MAR	5 800	SEP	1 260
APR	13 800	OCT	2 310
MAY	10 000	NOV	---
JUN	36 300	DEC	---

TOTAL DISCHARGE, 74 700 dam³

BEAVERDAM CREEK NEAR COCHRANE - STATION NO. 05CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0E	0	0	0	0	0	0	0	0	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0.004	0	0	0	0	0	0	---	---	4
5	---	---	0	0.002	0	0.001	0	0	0	0	---	---	5
6	---	---	0	0	0	0.003	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0.024	0	0	0	0	---	---	8
9	---	---	0	0	0	0.045	0	0	0	0	---	---	9
10	---	---	0	0	0	0.018	0	0	0	0	---	---	10
11	---	---	0	0	0	0.005	0	0	0	0	---	---	11
12	---	---	0	0	0	0.001	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0.001	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0.001	0	0	0	0	0	---	---	22
23	---	---	0	0	0.002	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0.004	0	0	0	0	0	---	---	27
28	---	---	0	0	0.004	0	0	0	0	0	---	---	28
29	---	---	0	0	0.001	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.006	0.013	0.096	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.004	0.004	0.045	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.045 ON JUN 9
MINIMUM DAILY, 0A ON MAR 1
MAXIMUM INSTANTANEOUS,
0.057 AT 04:23 MST ON JUN 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 45 N
LONG 114 28 20 W
DRAINAGE AREA, 45.3 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0.52	OCT	0
MAY	1.13	NOV	---
JUN	8.47	DEC	---

TOTAL DISCHARGE, 10.1 dam³

BEAVERHILL CREEK NEAR THE MOUTH - STATION NO. 05EB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	1.53 B	0.020	0.058	0.004	0	0	0.004	---	---	1
2	---	---	0.0038	1.05 B	0.021	0.040	0.003	0	0	0.003	---	---	2
3	---	---	0.0038	1.04 B	0.020	0.051	0	0	0	0.009	---	---	3
4	---	---	0.0038	1.05 B	0.020	0.042	0	0	0	0.002	---	---	4
5	---	---	0.0038	1.09 B	0.020	0.018	0	0	0	0	---	---	5
6	---	---	0.0038	0.8368	0.028	0.012	0.001	0	0	0	---	---	6
7	---	---	0.0038	0.4588	0.020	0.055	0.001	0	0.010	0	---	---	7
8	---	---	0.0038	0.4228	0.020	0.091	0.001	0	0.015	0	---	---	8
9	---	---	0.0038	0.2448	0.023	0.094	0.001	0	0.018	0	---	---	9
10	---	---	0.0038	0.124	0.024	0.087	0.001	0	0.020	0	---	---	10
11	---	---	0.0038	0.121	0.022	0.048	0.001	0	0.017	0	---	---	11
12	---	---	0.0038	0.100	0.021	0.033	0.007	0	0.015	0	---	---	12
13	---	---	0.0038	0.111	0.021	0.026	0.028	0	0.012	0	---	---	13
14	---	---	0.0038	0.087	0.021	0.017	0.134	0	0.007	0	---	---	14
15	---	---	0.0038	0.086	0.022	0.013	0.107	0	0.005	0.002	---	---	15
16	---	---	0.0038	0.072	0.031	0.024	0.084	0	0.003	0.0108	---	---	16
17	---	---	0.0038	0.047	0.032	0.021	0.065	0	0.002	0.0158	---	---	17
18	---	---	0.0038	0.038	0.031	0.015	0.041	0	0.002	0.0458	---	---	18
19	---	---	0.0038	0.040	0.031	0.014	0.026	0	0.002	0.0598	---	---	19
20	---	---	0.0038	0.038	0.029	0.014	0.018	0	0.002	0.0858	---	---	20
21	---	---	0.0308	0.039	0.029	0.012	0.012	0	0.003	0.0618	---	---	21
22	---	---	0.0008	0.038	0.029	0.021	0.006	0	0.004	0.0378	---	---	22
23	---	---	1.38 B	0.04[illegible]	0.033	0.021	0.002	0	0.007	0.0298	---	---	23
24	---	---	1.77 B	0.027	0.045	0.021	0	0	0.013	0.0458	---	---	24
25	---	---	2.28 B	0.027	0.051	0.023	0	0	0.058	0.0518	---	---	25
26	---	---	2.81 B	0.026	0.058	0.020	0	0	0.055	0.0508	---	---	26
27	---	---	3.04 B	0.021	0.046	0.021	0	0	0.046	0.0758	---	---	27
28	---	---	3.46 B	0.028	0.054	0.020	0	0	0.044	0.1038	---	---	28
29	---	0.0038	4.02 B	0.027	0.080	0.018	0	0	0.040	0.0948	---	---	29
30	---		3.18 B	0.017	0.052	0.012	0	0	0.020	0.0898	---	---	30
31	---		2.28 B		0.057		0	0		0.0858		---	31
TOTAL	---	---	24.810	8.874	0.981	0.947	0.544	0	0.418	0.936	---	---	TOTAL
MEAN	---	---	0.804	0.296	0.032	0.032	0.018	0	0.014	0.030	---	---	MEAN
MAX	---	---	4.02	1.53	0.080	0.094	0.134	0	0.056	0.103	---	---	MAX
MIN	---	---	0.003	0.017	0.020	0.012	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.154
MAXIMUM DAILY, 4.028 ON MAR 29
MINIMUM DAILY, 0 ON JUL 3
MAXIMUM INSTANTANEOUS,
4.88 AT 13:30 MST ON MAR 29

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 21 N
LONG 112 56 57 W
DRAINAGE AREA, 2 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	47.0
FEB	---	AUG	0
MAR	2 150	SEP	34.1
APR	787	OCT	80.9
MAY	85.6	NOV	---
JUN	51.8	DEC	---

TOTAL DISCHARGE, 3 250 dam³

BEAVERLODGE RIVER NEAR BEAVERLODGE - STATION NO. 07GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0918	0.2538	0.1368	1.14 B	0.454	2.42	1.18	0.058	0.005	0.011	0.0308	0.0488	1
2	0.0918	0.2598	0.1658	0.8458	0.470	2.43	1.15	0.064	0.008	0.011	0.0328	0.0418	2
3	0.1028	0.2628	0.1198	1.10 B	0.402	2.67	1.03	0.068	0.006	0.013	0.0508	0.0348	3
4	0.1398	0.2598	0.1128	1.16 B	0.311	2.08	0.923	0.050	0.008	0.018	0.0298	0.0298	4
5	0.1748	0.2598	0.1078	1.09 B	0.252	1.91	0.804	0.043	0.007	0.018	0.0298	0.0288	5
6	0.1788	0.2538	0.1088	0.8438	0.217	2.04	0.738	0.032	0.022	0.019	0.0268	0.0248	6
7	0.1608	0.2508	0.1068	0.6768	0.183	2.80	0.715	0.025	0.021	0.019	0.0278	0.0248	7
8	0.1488	0.2508	0.0998	0.7708	0.190	4.46	0.770	0.022	0.022	0.019	0.0258	0.0248	8
9	0.1478	0.2458	0.1578	0.5958	0.298	6.50	0.808	0.021	0.023	0.025	0.0258	0.0248	9
10	0.1548	0.2408	0.1488	0.6038	0.350	7.12	0.696	0.019	0.024	0.027	0.0258	0.0238	10
11	0.1688	0.2308	0.1288	0.537	0.534	6.41	0.600	0.016	0.026	0.026	0.0288	0.0238	11
12	0.1708	0.2258	0.1208	0.525	0.517	5.62	0.523	0.012	0.026	0.028	0.0298	0.0178	12
13	0.1718	0.2258	0.1168	0.485	0.542	4.87	0.449	0.010	0.024	0.025	0.0408	0.0138	13
14	0.1748	0.2208	0.1198	0.417	0.578	4.37	0.398	0.014	0.020	0.026	0.0488	0.0118	14
15	0.1778	0.2158	0.1458	0.414	0.622	3.75	0.381	0.018	0.018	0.027	0.0528	0.0088	15
16	0.1788	0.2108	0.1768	0.450	0.719	3.36	0.381	0.015	0.017	0.047	0.0588	0.0068	16
17	0.1828	0.2058	0.1838	0.404	1.16	2.94	0.311	0.010	0.015	0.070	0.0618	0.0038	17
18	0.1908	0.2008	0.2028	0.375	1.93	2.57	0.256	0.010	0.015	0.045	0.0678	0.0028	18
19	0.2068	0.2158	0.3368	0.343	2.76	2.35	0.207	0.008	0.014	0.0668	0.0758	0.0018	19
20	0.2228	0.2408	0.3278	0.315	2.87	2.33	0.189	0.006	0.011	0.1288	0.0868	0.0018	20
21	0.2238	0.2458	0.5658	0.268	2.79	2.04	0.745	0.006	0.010	0.1578	0.0998	0.0018	21
22	0.2238	0.2308	1.04 B	0.235	3.19	1.86	0.181	0.006	0.026	0.1578	0.1068	0	B 22
23	0.2208	0.2158	1.23 B	0.210	4.22	1.66	0.133	0.006	0.023	0.1678	0.0968	0	B 23
24	0.2228	0.1908	1.50 B	0.204	4.33	1.52	0.103	0.005	0.018	0.1798	0.0948	0	B 24
25	0.2148	0.1808	1.29 B	0.227	4.10	1.48	0.098	0.003	0.015	0.1838	0.0998	0	B 25
26	0.2178	0.1458	1.05 B	0.119	3.67	1.36	0.093	0.004	0.014	0.1298	0.1038	0	B 26
27	0.2118	0.1208	1.14 B	0.101	3.36	1.18	0.088	0.002	0.013	0.1028	0.1028	0	B 27
28	0.2328	0.1258	1.08 B	0.131	3.05	1.06	0.090	0.001	0.012	0.0888	0.0928	0	B 28
29	0.2358	0.1368	1.19 B	0.138	2.86	0.975	0.080	0	0.012	0.0578	0.0718	0	B 29
30	0.2418		1.14 B	0.234	2.81	1.01	0.088	0	0.011	0.0478	0.0578	0	B 30
31	0.2478		1.16 B		2.76		0.061	0.001		0.0308		0	B 31
TOTAL	5.708	6.281	15.488	15.232	52.559	87.225	13.730	0.551	0.482	1.936	1.781	0.388	TOTAL
MEAN	0.184	0.217	0.500	0.508	1.70	2.91	0.443	0.018	0.016	0.062	0.059	0.012	MEAN
MAX	0.247	0.262	1.50	1.16	4.33	7.12	1.18	0.064	0.026	0.183	0.106	0.048	MAX
MIN	0.091	0.120	0.089	0.101	0.183	0.975	0.061	0	0.005	0.011	0.025	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.550
MAXIMUM DAILY, 7.12 ON JUN 10
MINIMUM DAILY, 0 ON AUG 29
MAXIMUM INSTANTANEOUS,
7.90 AT 18:30 MST ON JUN 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 21 N
LONG 119 26 06 W
DRAINAGE AREA, 1 610 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	493	JUL	1 180
FEB	543	AUG	47.6
MAR	1 340	SEP	41.6
APR	1 320	OCT	167
MAY	4 540	NOV	152
JUN	7 540	DEC	33.4

TOTAL DISCHARGE, 17 400 dam³

BEAVERTAIL CREEK NEAR HYTHE - STATION NO. 07GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0838	0.2548	0.347	1.25	0.546	0.002	0	0.008	---	---	1
2	---	---	0.0888	0.2158	0.286	1.35	0.676	0.002	0	0.007	---	---	2
3	---	---	0.0728	0.2308	0.238	1.20	0.762	0.002	0	0.010	---	---	3
4	---	---	0.0728	0.3248	0.187	1.06	0.832	0.002	0	0.014	---	---	4
5	---	---	0.0748	0.2718	0.187	1.01	0.807	0.002	0	0.013	---	---	5
6	---	---	0.0818	0.2708	0.186	1.08	0.876	0.002	0 001	0.012	---	---	6
7	---	---	0.0808	0.2718	0 123	1.24	0.538	0.001	0 002	0.011	---	---	7
8	---	---	0.1128	0.2418	0.104	1.35	0.542	0.001	0.001	0.013	---	---	8
9	---	---	0.1688	0.2448	0.112	2.51	0.538	0.001	0.001	0.019	---	---	9
10	---	---	0.1388	0.2438	0.130	2.76	0.518	0.001	0.002	0.022	---	---	10
11	---	---	0.1308	0.2338	0.227	2.80	0.442	0 001	0.002	0.023	---	---	11
12	---	---	0.1188	0.2098	0.267	2.30	0.413	0 001	0.002	0.024	---	---	12
13	---	---	0.1048	0.2128	0.332	1.87	0.433	0 001	0 002	0.028	---	---	13
14	---	---	0 0898	0.1828	0.455	1.64	0.404	0.001	0.002	0.027	---	---	14
15	---	---	0.0818	0.1878	0.470	1.40	0.389	0.001	0.001	0.027	---	---	15
16	---	---	0.0628	0.2038	0.576	1.15	0.343	0.001	0.002	0.028	---	---	16
17	---	---	0 0718	0.1818	0 925	0.884	0 198	0	0.002	0.0278	---	---	17
18	---	---	0 0828	0.1508	1.32	0.892	0.138	0.001	0.002	0.0188	---	---	18
19	---	---	0.2208	0.1358	1.55	0.875	0.080	0	0.002	0.0118	---	---	19
20	---	---	0.2468	0.1108	1.48	0.783	0.070	0	0.002	0.0078	---	---	20
21	---	---	0 4128	0 1288	1.61	0 787	0 088	0	0.002	0.0048	---	---	21
22	---	---	0 4608	0 121	3 26	0 747	0.085	0	0.002	0.0048	---	---	22
23	---	---	0 4118	0 094	3 49	0 722	0.031	0	0.002	0.0048	---	---	23
24	---	---	0 4208	0 086	3.39	0 619	0 018	0	0.003	0.0038	---	---	24
25	---	---	0 4498	0.098	2.14	0.648	0 012	0	0.004	0.0038	---	---	25
26	---	---	0.3398	0 131	1.84	0 778	0.007	0	0.005	0.0038	---	---	26
27	---	---	0 1908	0.149	1.74	0.710	0.004	0	0.005	0.0038	---	---	27
28	---	---	0 2358	0 175	1.84	0.571	0.003	0	0.007	0 B	---	---	28
29	---	0 0508	0.2128	0.238	1 64	0.618	0.003	0	0.008	0 B	---	---	29
30	---		0 2348	0.282	1.65	0.787	0.003	0	0.009	0 B	---	---	30
31	---		0.2458		1.34		0.002	0		0 B		---	31
TOTAL	---	---	5.738	5.919	30.311	37.408	8.454	0.023	0 073	0.374	---	---	TOTAL
MEAN	---	---	0 185	0.197	0 978	1.25	0.305	0 001	0.002	0 012	---	---	MEAN
MAX	---	---	0 480	0 282	2 49	2 76	0.846	0 002	0.008	0.028	---	---	MAX
MIN	---	---	0.082	0.088	0 104	0.571	0.002	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2 76 ON JUN 10
MINIMUM DAILY, 0 ON AUG 17
MAXIMUM INSTANTANEOUS,
2.82 AT 14:30 MST ON JUN 10

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 57 N
LONG 110 38 25 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	817
FEB	---	AUG	1.99
MAR	496	SEP	6.31
APR	511	OCT	32.3
MAY	2 620	NOV	---
JUN	3 230	DEC	---

BEDDINGTON CREEK NEAR CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.2508	0 032	0 031	0 004	0 018	0 008	0.030	---	---	1
2	---	---	---	0.2508	0 032	0.028	0.004	0.018	0 008	0 012	---	---	2
3	---	---	---	0.2508	0 030	0 023	0.005	0.118	0 009	0 011	---	---	3
4	---	---	---	0.2408	0 032	0.027	0.008	0.138	0 009	0.008	---	---	4
5	---	---	---	0.2208	0 031	0 050	0.012	0.128	0.008	0.007	---	---	5
6	---	---	---	0 2008	0 052	0 053	0.010	0 110	0 031	0.006	---	---	6
7	---	---	---	0.2008	0 044	0 048	0.008	0 107	0 107	0 006	---	---	7
8	---	---	---	0 2008	0 041	0 113	0 008	0 036	0 080	0 005	---	---	8
9	---	---	---	0 2008	0 035	0 174	0 006	0 038	0 087	0 007	---	---	9
10	---	---	---	0 2008	0 029	0 146	0.007	0.029	0 043	0 009	---	---	10
11	---	---	---	0 1508	0 030	0 156	0 006	0 022	0 032	0 005	---	---	11
12	---	---	---	0 1508	0 032	0 107	0 008	0 019	0 030	0 005	---	---	12
13	---	---	---	0 1008	0 025	0 091	0 036	0 019	0 028	0.005	---	---	13
14	---	---	---	0 1008	0 027	0 077	0 017	0 015	0.025	0.005	---	---	14
15	---	---	---	0.1008	0.034	0.072	0.014	0 013	0.021	0.004	---	---	15
16	---	---	---	0 0508	0 087	0 087	0.012	0 013	0 016	0 0048	---	---	16
17	---	---	---	0 048	0 060	0 084	0 008	0 009	0 012	0.0048	---	---	17
18	---	---	---	0.070	0 038	0 048	0 007	0 010	0.011	0 0048	---	---	18
19	---	---	---	0 081	0 031	0 038	0 004	0 014	0 010	0 0048	---	---	19
20	---	---	---	0.088	0.026	0 042	0.008	0.013	0.011	0.0048	---	---	20
21	---	---	---	0 075	0 018	0 037	0 037	0 012	0 030	0.0038	---	---	21
22	---	---	---	0 064	0 020	0 038	0 048	0 009	0 037	0.0038	---	---	22
23	---	---	---	0 058	0 018	0 031	0 030	0 008	0 038	0.0038	---	---	23
24	---	---	---	0 048	0 026	0 024	0 021	0 041	0 035	0 0038	---	---	24
25	---	---	---	0 052	0 035	0 018	0 022	0 012	0 022	0.0038	---	---	25
26	---	---	---	0 047	0.033	0 016	0.015	0 008	0 018	0.0028	---	---	26
27	---	---	---	0 042	0 045	0.014	0.013	0.002	0 013	0.0028	---	---	27
28	---	---	---	0 036	0 033	0.012	0.013	0.003	0 010	0 0028	---	---	28
29	---	---	---	0 037	0 028	0 009	0.018	0.003	0.008	0 0028	---	---	29
30	---		---	0 038	0 026	0 006	0.026	0 004	0.008	0 0028	---	---	30
31	---		---		0.041		0.042	0.008		0.0028		---	31
TOTAL	---	---	---	3.844	1.064	1.845	0.478	1.051	0.782	0.172	---	---	TOTAL
MEAN	---	---	---	0 121	0.034	0.055	0.015	0.034	0.026	0.006	---	---	MEAN
MAX	---	---	---	0 250	0.087	0 174	0.048	0 138	0 107	0 030	---	---	MAX
MIN	---	---	---	0.036	0.018	0.006	0.004	0.002	0.008	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 041
MAXIMUM DAILY, 0 2508 ON APR 1
MINIMUM DAILY, 0 002 ON AUG 27

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 30 N
LONG 114 09 40 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41.4
FEB	---	AUG	90.8
MAR	---	SEP	67.6
APR	215	OCT	14.9
MAY	91.1	NOV	---
JUN	142	DEC	---

TOTAL DISCHARGE, 783 dam³

BELLY - ST. MARY DIVERSION CANAL - STATION NO. 05AD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0 E	7.45	28.6	57.6	39.0	45.2	8.12	14.2	0E	0E	1
2	0E	0E	0 E	7.39	27.4	52.6	43.0	44.8	8.24	17.6	0E	0E	2
3	0E	0E	0 E	7.10	35.7	48.3	50.9	45.0	8.15	18.3	0E	0E	3
4	0E	0E	0 E	6.81	36.0	45.7	52.8	44.3	7.33	20.4	0E	0E	4
5	0E	0E	0 E	6.71	35.6	50.1	52.5	43.3	8.15	20.7	0E	0E	5
6	0E	0E	0 E	6.80	35.3	51.5	52.5	43.0	5.32	20.7	0E	0E	6
7	0E	0E	0 E	6.70	34.7	54.4	52.9	42.3	5.12	20.4	0E	0E	7
8	0E	0E	0 E	6.69	33.5	54.6	52.8	41.2	5.45	20.1	0E	0E	8
9	0E	0E	0 E	6.76	32.4	56.1	51.7	39.7	5.82	19.7	0E	0E	9
10	0E	0E	0 E	6.82	33.6	55.3	50.1	38.6	6.81	21.2	0E	0E	10
11	0E	0E	0 E	7.84	36.3	56.5	48.5	37.6	8.14	25.8	0E	0E	11
12	0E	0E	0 E	11.3	35.2	58.2	47.4	36.9	8.55	26.6	0E	0E	12
13	0E	0E	0 A	13.8	35.7	57.7	45.8	31.9	9.39	27.5	0E	0E	13
14	0E	0E	0	13.3	38.8	57.8	45.7	21.8	9.24	25.8	0E	0E	14
15	0E	0E	0	13.3	46.0	55.0	46.3	15.4	8.82	25.0	0E	0E	15
16	0E	0E	0	13.4	50.7	59.5	44.4	13.0	8.40	24.4	0E	0E	16
17	0E	0E	0	14.4	50.2	58.5	43.8	12.4	8.04	22.8	0E	0E	17
18	0E	0E	0	16.9	49.3	57.7	43.6	12.2	7.73	21.1	0E	0E	18
19	0E	0E	0.786	19.6	47.8	57.5	45.3	12.2	7.61	21.4	0E	0E	19
20	0E	0E	1.50	23.1	48.9	59.1	48.9	11.9	7.84	20.4	0E	0E	20
21	0E	0E	1.41	23.6	53.6	59.5	49.1	11.0	8.87	18.7	0E	0E	21
22	0E	0E	1.44	22.9	54.3	61.4	48.6	10.6	10.7	14.7	0E	0E	22
23	0E	0E	1.48	22.5	51.3	60.9	47.7	9.87	12.5	1.65	0E	0E	23
24	0E	0E	1.53	24.2	51.0	60.2	48.4	9.52	13.1	0	0E	0E	24
25	0E	0E	1.42	28.8	52.3	60.1	45.4	9.25	12.9	0	0E	0E	25
26	0E	0E	1.46	29.5	51.7	60.5	44.7	8.78	12.7	0	0E	0E	26
27	0E	0E	1.99	29.0	50.7	60.9	44.6	8.28	12.9	0	0E	0E	27
28	0E	0E	4.33	30.1	50.0	55.6	45.7	8.21	13.6	0	0E	0E	28
29	0E	0E	7.14	30.7	50.8	45.6	46.0	8.13	12.4	0	0E	0E	29
30	0E		7.44	33.1	55.1	40.0	46.4	8.14	12.2	0 A	0E	0E	30
31	0E		7.45		59.5		46.0	8.21		0 E		0E	31
TOTAL	0	0	39.336	490.97	1 351.9	1 670.8	1 467.7	732.95	272.04	471.05	0	0	TOTAL
MEAN	0	0	1.27	16.4	43.6	55.7	47.3	23.6	9.07	15.2	0	0	MEAN
MAX	0	0	7.45	33.1	59.5	61.4	52.9	45.2	13.6	28.6	0	0	MAX
MIN	0	0	0	6.60	27.4	40.0	39.0	8.13	5.12	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 61.4 ON JUN 22
MINIMUM DAILY, 0E ON JAN 1

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 10 N
LONG 113 33 07 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1959

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	127 000
FEB	0	AUG	63 300
MAR	3 400	SEP	23 500
APR	42 400	OCT	40 700
MAY	117 000	NOV	0
JUN	144 000	DEC	0

TOTAL DISCHARGE, 561 000 dam³

BELLY RIVER NEAR MOUNTAIN VIEW - STATION NO. 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07 B	3.108	1.498	1.33	5.49	37.9	21.0	7.85	1.83	4.37	2.408	1.40 B	1
2	1.10 B	2.958	1.478	1.28	5.44	28.2	17.1	7.80	1.57	4.57	4.708	1.35 B	2
3	1.12 B	2.808	1.538	1.31	5.47	20.6	15.7	8.31	1.36	4.89	4.308	1.45 B	3
4	1.20 B	2.758	1.638	1.32	5.09	18.1	15.3	7.45	1.19	5.33	4.27	1.85 B	4
5	1.35 B	2.708	1.618	1.44	4.84	16.7	14.8	6.84	1.08	5.58	3.94	2.05 B	5
6	1.50 B	2.608	1.548	1.81	5.02	16.6	15.3	6.75	1.58	5.48	3.72	2.15 B	6
7	2.00 B	2.508	1.658	1.84	4.99	17.3	15.9	6.81	2.43	5.29	3.66	2.05 B	7
8	2.50 B	2.408	1.638	1.86	4.81	17.8	14.7	6.08	2.35	5.07	3.58	1.75 B	8
9	2.80 B	2.358	1.658	1.74	4.82	17.2	12.8	5.77	2.79	4.89	3.44	1.60 B	9
10	2.75 B	2.328	1.62	1.77	5.32	15.9	11.3	5.70	3.72	4.82	3.16	1.45 B	10
11	2.40 B	2.308	1.45	1.79	4.89	14.5	10.2	5.67	3.81	4.64	2.82	1.34 B	11
12	1.70 B	2.288	1.53	1.75	5.23	13.2	10.3	5.38	4.07	4.62	2.788	1.40 B	12
13	1.30 B	2.208	1.368	1.74	5.89	13.1	10.6	5.40	4.20	4.38	2.908	1.55 B	13
14	1.05 B	2.058	1.238	1.69	7.82	14.4	10.4	5.01	3.83	3.21	3.108	1.80 B	14
15	1.00 B	1.908	1.158	1.90	13.6	15.4	9.82	4.80	3.44	2.73	3.13	1.90 B	15
16	0.900B	1.708	1.158	2.81	20.3	25.0	9.10	4.33	3.09	2.24	3.50	1.25 B	16
17	0.850B	1.608	1.208	4.72	20.8	26.9	9.03	4.14	2.83	2.03	3.28	1.10 B	17
18	0.820B	1.488	1.358	7.86	18.2	24.7	8.21	4.30	2.60	2.98	3.16	1.25 B	18
19	0.870B	1.405	1.638	10.2	17.2	21.6	9.22	4.35	2.84	4.26	2.77	1.50 B	19
20	0.900B	1.458	1.50	13.1	22.3	20.2	9.16	3.84	2.88	3.94	2.51	1.60 B	20
21	1.05 B	1.478	1.54	12.4	24.9	23.4	8.70	3.45	4.22	3.70	2.78	1.45 B	21
22	1.70 B	1.428	1.57	12.0	31.0	26.6	8.08	3.12	5.43	3.56	2.46	1.30 B	22
23	2.40 B	1.308	1.55	11.3	18.2	23.2	8.81	2.84	6.26	3.41	2.53	1.25 B	23
24	3.00 B	1.208	1.59	10.9	15.8	20.8	8.05	2.74	6.87	3.42	2.32	1.80 B	24
25	3.45 B	1.128	1.52	9.83	15.6	21.5	8.65	2.84	6.80	3.73	2.01	1.55 B	25
26	3.50 B	1.158	1.55	9.10	14.1	23.8	8.88	2.55	5.24	4.67	1.958	1.45 B	26
27	3.50 B	1.248	1.52	7.80	12.6	26.0	7.41	2.28	4.63	4.27	2.158	1.10 B	27
28	3.45 B	1.408	1.48	7.00	12.7	27.2	6.41	2.08	4.47	3.98	2.408	0.900B	28
29	3.40 B	1.478	1.47	6.32	15.3	26.5	6.83	1.88	4.33	3.488	1.758	0.780B	29
30	3.30 B		1.43	5.74	25.6	25.4	6.87	1.83	4.29	2.708	1.608	0.720B	30
31	3.20 B		1.32		43.3		6.50	1.81		2.258		0.780B	31
TOTAL	81.130	58.67	45.83	155.09	408.72	639.7	333.92	142.82	103.72	124.40	89.40	44.210	TOTAL
MEAN	1.87	1.85	1.47	5.17	13.2	21.3	10.8	4.61	3.46	4.01	2.98	1.43	MEAN
MAX	3.50	3.10	1.65	13.1	43.3	37.9	21.0	8.31	6.26	5.58	4.70	2.15	MAX
MIN	0.820	1.12	1.15	1.28	4.81	13.1	5.65	1.81	1.08	2.02	1.60	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.03
MAXIMUM DAILY, 43.3 ON MAY 31
MINIMUM DAILY, 0.720B ON DEC 30
MAXIMUM INSTANTANEOUS,
44.6 AT 16:10 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 00 N
LONG 113 41 48 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 380	JUL	28 900
FEB	4 880	AUG	12 300
MAR	3 840	SEP	8 880
APR	13 400	OCT	10 700
MAY	35 300	NOV	7 720
JUN	55 300	DEC	3 820

TOTAL DISCHARGE, 191 000 dam³

BELLY RIVER NEAR STAND OFF - STATION NO 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.408	4.268	2.058	1.10	2.04	3.66	24.1	1.96	0.670	1.18	2.108	2.25 B	1
2	1.608	3.808	3.168	1.08	1.81	3.38	18.6	1.78	0.771	1.18	2.388	1.70 B	2
3	1.718	3.528	2.118	1.07	1.70	3.08	8.77	1.76	0.716	1.13	2.708	1.40 B	3
4	1.518	3.268	1.938	1.16	1.78	1.86	2.82	1.73	0.715	1.11	3.368	1.25 B	4
5	1.918	3.248	1.748	1.30	1.78	1.87	2.24	1.71	0.712	1.11	3.708	1.20 B	5
6	1.918	3.338	1.818	1.42	1.81	1.89	2.05	1.72	0.695	1.08	3.868	1.35 B	6
7	1.908	3.098	1.848	1.48	1.85	2.03	1.85	1.71	0.687	1.06	3.898	1.65 B	7
8	1.858	3.038	1.868	1.48	1.85	2.25	1.81	1.80	0.709	1.06	3.718	2.20 B	8
9	1.758	2.868	1.948	1.45	1.78	2.86	1.81	1.82	0.722	1.05	3.578	1.95 B	9
10	1.808	3.018	1.888	1.36	1.88	2.87	1.88	1.84	0.764	1.04	3.338	1.83 B	10
11	1.908	2.758	1.918	1.36	1.72	2.54	1.96	1.82	0.732	1.05	3.478	1.70 B	11
12	1.408	2.798	1.848	1.40	1.78	2.44	1.86	1.85	0.770	1.06	3.248	1.80 B	12
13	1.388	2.548	1.918	1.33	1.76	2.33	1.75	1.90	0.833	1.02	2.148	1.50 B	13
14	1.358	2.508	1.708	1.17	1.86	2.28	1.72	1.98	0.831	0.957	3.208	1.85 B	14
15	1.408	2.338	2.008	1.11	1.89	2.28	1.71	1.31	0.849	0.937	3.698	1.80 B	15
16	1.458	2.418	2.268	1.08	2.18	3.36	1.70	1.27	0.848	0.945	3.438	1.70 B	16
17	1.658	2.158	2.898	1.10	2.06	2.87	1.80	1.24	0.813	1.11	4.038	1.55 B	17
18	2.008	2.138	2.358	1.27	1.93	2.22	1.88	1.22	0.784	1.26	3.778	1.45 B	18
19	2.708	2.178	2.088	1.50	1.89	2.11	1.89	1.13	0.817	1.40	3.698	1.45 B	19
20	3.698	2.358	1.838	1.85	1.82	2.11	1.85	1.09	0.928	1.43	3.498	1.40 B	20
21	3.908	2.238	1.33	1.83	1.80	2.42	1.85	1.04	1.02	1.37	3.248	1.30 B	21
22	3.828	2.138	1.28	1.28	1.83	7.88	1.87	0.987	1.08	1.40	3.358	1.25 B	22
23	3.768	1.868	1.26	1.20	1.84	8.76	1.88	0.935	1.17	1.42	3.198	1.20 B	23
24	3.638	2.228	1.25	1.17	1.73	5.78	1.84	0.918	1.30	3.15	3.058	1.20 B	24
25	3.338	2.088	1.22	1.21	2.33	4.38	1.78	0.868	1.19	3.30	2.868	1.15 B	25
26	3.428	1.868	1.22	1.31	3.50	5.13	1.88	0.826	1.19	3.38	2.778	1.10 B	26
27	4.888	1.798	1.26	1.25	3.48	6.88	1.86	0.773	1.18	2.70 B	2.908	1.00 B	27
28	6.248	1.838	1.28	1.61	3.66	11.2	1.70	0.761	1.27	2.45 B	3.208	0.9008	28
29	5.848	1.938	1.28	1.88	3.33	10.6	1.77	0.733	1.24	2.24 B	3.138	0.8508	29
30	5.058		1.28	2.03	3.31	25.1	2.12	0.734	1.18	2.10 B	2.768	0.8008	30
31	4.698		1.21		5.71		2.24	0.750		2.15 B		0.9008	31
TOTAL	84.12	76.69	53.59	40.72	84.38	165.17	102.43	38.288	27.288	47.769	98.28	44.430	TOTAL
MEAN	2.71	2.61	1.73	1.36	2.08	4.84	3.30	1.27	0.910	1.54	3.28	1.43	MEAN
MAX	6.24	4.26	2.89	2.03	5.71	25.1	24.1	1.96	1.27	3.38	4.03	2.25	MAX
MIN	1.35	1.78	1.21	1.06	1.88	1.04	1.88	0.733	0.695	0.937	2.10	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 25.1 ON JUN 30
MINIMUM DAILY, 0.695 ON SEP 5
MAXIMUM INSTANTANEOUS,
25.4 AT 12:40 MST ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 40 N
LONG 113 18 10 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 270	JUL	8 850
FEB	6 540	AUG	3 290
MAR	4 630	SEP	2 360
APR	3 520	OCT	4 130
MAY	5 560	NOV	8 490
JUN	12 500	DEC	3 840

TOTAL DISCHARGE, 71 100 dam³

BERRY CREEK BELOW DEADFISH CREEK - STATION NO 05CH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.138E	0.001A	0	0	0.788	0.134	0.014	---	---	
2	---	---	---	0.134E	0	0	0	0.746	0.853	0.014	---	---	1
3	---	---	---	0.112E	0	0	0	0.753	0.018	0.014	---	---	2
4	---	---	---	0.100A	0	0	0	0.705	0.018	0.014	---	---	3
5	---	---	---	0.088A	0	0	0	0.685	0.017	0.017	---	---	4
6	---	---	---										5
7	---	---	---	0.078A	0	0	0	0.659	0.018	0.018	---	---	
8	---	---	---	0.070A	0	0	0	0.610	0.018	0.011	---	---	6
9	---	---	---	0.061A	0	0	0	0.515	0.018	0.007	---	---	7
10	---	---	---	0.055A	0	0	0	0.474	0.017	0.004	---	---	8
11	---	---	---	0.050A	0	0	0	0.483	0.018	0.003	---	---	9
12	---	---	---	0.044A	0	0	0	0.502	0.022	0.002	---	---	10
13	---	---	---	0.040A	0	0	0	0.521	0.023	0.001	---	---	11
14	---	---	---	0.036A	0	0	0	0.541	0.025	0.001	---	---	12
15	---	---	---	0.032A	0	0	0	0.500	0.026	0.001	---	---	13
				0.030A	0	0	0	0.516	0.025	0.001	---	---	14
16	---	---	---										15
17	---	---	---	0.028A	0	0	0	0.471	0.024	0.003	---	---	
18	---	---	---	0.027A	0	0	0	0.480	0.021	0.012	---	---	16
19	---	---	---	0.025A	0	0	0	0.541	0.018	0.100	---	---	17
20	---	---	---	0.024A	0	0	0.061A	0.502	0.018	0.076	---	---	18
				0.022A	0	0	0.283	0.599	0.018	0.062	---	---	19
21	---	---	---										20
22	---	---	---	0.018A	0	0	0.306	0.596	0.014	0.048	---	---	
23	---	---	---	0.016A	0	0	0.320	0.617	0.015	0.033	---	---	21
24	---	---	---	0.014A	0	0	0.351	0.587	0.018	0.023	---	---	22
25	---	---	---	0.013A	0	0	0.474	0.536	0.014	0.016	---	---	23
				0.011A	0	0	0.479	0.581	0.016	0.012	---	---	24
26	---	---	---										25
27	---	---	---	0.010A	0	0	0.440	0.569	0.015	0.008	---	---	
28	---	---	---	0.008A	0	0	0.535	0.501	0.018	0.006	---	---	26
29	---	---	---	0.006A	0	0	1.36	0.440	0.015	0.005	---	---	27
30	---	---	---	0.004A	0	0	1.07	0.355	0.018	0.006A	---	---	28
31	---	---	---	0.002A	0	0	1.00	0.379	0.014	0.005E	---	---	29
					0		0.883	0.288		0.004E		---	30
TOTAL	---	---	---	1.287	0.001	0	7.952	17.282	0.595	0.548	---	---	31
MEAN	---	---	---	0.043	0	0	0.257	0.557	0.023	0.018	---	---	TOTAL
MAX	---	---	---	0.138	0.001	0	1.36	0.788	0.134	0.100	---	---	MEAN
MIN	---	---	---	0.002	0	0	0	0.288	0.014	0.001	---	---	MAX
													MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.36 ON JUL 20
MINIMUM DAILY, 0 ON MAY 2
MAXIMUM INSTANTANEOUS,
1.47 AT 22:30 MST ON JUL 27

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 05 N
LONG 111 46 59 W

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	887
FEB	---	AUG	1 480
MAR	---	SEP	59.6
APR	111	OCT	47.1
MAY	0.09	NOV	---
JUN	0	DEC	---

BERRY CREEK NEAR ROSE LYNN - STATION NO. 08CH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0	---	---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 56 N
LONG 111 29 41 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BERRY CREEK NEAR THE MOUTH - STATION NO. 07CH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.007	0.008	0.001	0	0	0.083	0	---	---	1
2	---	---	0.0018	0.008	0.007	0.001	0	0	0.084	0	---	---	2
3	---	---	0.0018	0.004	0.007	0.001	0	0	0.086	0	---	---	3
4	---	---	0.0018	0.006	0.007	0.001	0	0	0.073	0	---	---	4
5	---	---	0.0018	0.005	0.008	0.001	0	0	0.057	0	---	---	5
6	---	---	0.0018	0.004	0.009	0.001	0	0	0.041	0	---	---	6
7	---	---	0.0018	0.006	0.011	0.001	0	0	0.048	0	---	---	7
8	---	---	0.0018	0.007	0.010	0.001	0	0	0.047	0	---	---	8
9	---	---	0.0018	0.005	0.007	0.001	0	0	0.045	0	---	---	9
10	---	---	0.0018	0.004	0.004	0.001	0.001	0	0.039	0	---	---	10
11	---	---	0.0018	0.005	0.003	0.002	0	0	0.037	0	---	---	11
12	---	---	0.0018	0.004	0.003	0.002	0	0	0.027	0	---	---	12
13	---	---	0.001	0.007	0.005	0.001	0	0	0.018	0	---	---	13
14	---	---	0.001	0.005	0.005	0.001	0	0	0.023	0	---	---	14
15	---	---	0.001	0.007	0.005	0.001	0	0	0.018	0	---	---	15
16	---	---	0.001	0.005	0.005	0.001	0	0	0.020	0	---	---	16
17	---	---	0.001	0.005	0.005	0.001	0	0	0.013	0	---	---	17
18	---	---	0.001	0.005	0.005	0.001	0	0	0.007	0.001	---	---	18
19	---	---	0.001	0.005	0.005	0.001	0	0	0.003	0.002	---	---	19
20	---	---	0.002	0.005	0.004	0.001	0	0	0.001	0.004	---	---	20
21	---	---	0.015	0.005	0.004	0.001	0	0	0.002	0.001	---	---	21
22	---	---	0.023	0.005	0.005	0.001	0	0	0.004	0	---	---	22
23	---	0.0018	0.023	0.005	0.005	0.001	0	0	0.004	0	---	---	23
24	---	0.0018	0.018	0.004	0.005	0.001	0	0	0.001	0.028	---	---	24
25	---	0.0018	0.017	0.005	0.004	0.002	0	0	0.002	0.053	---	---	25
26	---	0.0018	0.015	0.007	0.003	0.001	0	0	0.001	0.088	---	---	26
27	---	0.0018	0.004	0.010	0.002	0.001	0	0	0	0.055	---	---	27
28	---	0.0018	0.004	0.007	0.002	0.001	0	0.081	0	0.040E	---	---	28
29	---	0.0018	0.002	0.005	0.002	0	0	0.181	0	0.028E	---	---	29
30	---		0.001	0.005	0.001	0	0	0.153	0	0.011E	---	---	30
31	---		0.005		0.001		0	0.151		0.005E		---	31
TOTAL	---	---	0.151	0.171	0.181	0.031	0.001	0.566	0.787	0.383	---	---	TOTAL
MEAN	---	---	0.005	0.006	0.006	0.001	0	0.018	0.025	0.013	---	---	MEAN
MAX	---	---	0.023	0.010	0.011	0.002	0.001	0.181	0.086	0.088	---	---	MAX
MIN	---	---	0.001	0.004	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.181 ON AUG 29
MINIMUM DAILY, 0 ON JUN 29
MAXIMUM INSTANTANEOUS,
0.250 AT 18:55 MST ON AUG 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 16 N
LONG 111 35 28 W
DRAINAGE AREA, 3 720 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	48.9
MAR	13.0	SEP	68.0
APR	16.8	OCT	31.4
MAY	13.9	NOV	---
JUN	2.86	DEC	---

TOTAL DISCHARGE, 193 dam³

BERRY CREEK RESERVOIR NEAR SUNNYNOOK - STATION NO. 05CH014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	23.530E	23.639	23.631	23.521	23.449	23.349	23.687	25.100	---	---	1
2	---	---	23.530E	23.642	23.630	23.515	23.445	23.344	23.950	25.098	---	---	2
3	---	---	23.530E	23.643	23.621	23.511	23.437	23.345	24.008	25.108	---	---	3
4	---	---	23.530E	23.647	23.622	23.507	23.430	23.344	24.051	25.141	---	---	4
5	---	---	23.530E	23.648	23.623	23.507	23.422	23.341	24.157	25.178	---	---	5
6	---	---	23.530A	23.656	23.622	23.515	23.417	23.338	24.283	25.203	---	---	6
7	---	---	23.627	23.664	23.621	23.539	23.407	23.328	24.430	25.235	---	---	7
8	---	---	23.626	23.665	23.615	23.535	23.396	23.323	24.531	25.265	---	---	8
9	---	---	23.625	23.665	23.614	23.540	23.386	23.313	24.630	25.297	---	---	9
10	---	---	23.624	23.678	23.613	23.537	23.388	23.309	24.731	25.316	---	---	10
11	---	---	23.626	23.671	23.611	23.536	23.385	23.302	24.845	24.269	---	---	11
12	---	---	23.628	23.666	23.611	23.539	23.381	23.295	24.946	25.214	---	---	12
13	---	---	23.636	23.667	23.606	23.534	23.372	23.287	24.990	25.177	---	---	13
14	---	---	23.637	23.667	23.603	23.530	23.366	23.283	25.011	25.150	---	---	14
15	---	---	23.637	23.666	23.603	23.526	23.359	23.279	25.020	25.128	---	---	15
16	---	---	23.640	23.665	23.595	23.524	23.351	23.270	25.037	25.155	---	---	16
17	---	---	23.639	23.665	23.588	23.519	23.348	23.261	25.053	25.204	---	---	17
18	---	---	23.640	23.670	23.584	23.518	23.335	23.255	25.070	25.262	---	---	18
19	---	---	23.641	23.665	23.578	23.514	23.329	23.254	25.088	25.270	---	---	19
20	---	---	23.643	23.658	23.571	23.505	23.324	23.251	25.110	25.288	---	---	20
21	---	---	23.639	23.650	23.568	23.504	23.313	23.242	25.128	25.284	---	---	21
22	---	23.630A	23.634	23.654	23.580	23.504	23.310	23.237	25.131	25.263	---	---	22
23	---	---	23.634	23.661	23.566	23.502	23.308	23.232	25.122	25.261	---	---	23
24	---	---	23.631	23.667	23.564	23.498	23.300	23.228	25.115	25.258	---	---	24
25	---	---	23.629	23.648	23.561	23.501	23.297	23.225	25.114	25.261	---	---	25
26	---	---	23.618	23.645	23.548	23.497	23.290	23.254	25.108	25.262	---	---	26
27	---	---	23.625	23.644	23.548	23.492	23.290	23.301	25.105	25.253	---	---	27
28	---	---	23.627	23.641	23.543	23.483	23.290	23.349	25.102	25.251	---	---	28
29	---	---	23.632	23.638	23.544	23.466	23.295	23.527	25.103	25.247A	---	---	29
30	---		23.636	23.636	23.532	23.453	23.342	23.729	25.101	25.243E	---	---	30
31	---		23.636		23.531		23.348	23.831		25.238E		---	31
MEAN	---	---	23.556	23.657	23.567	23.512	23.389	23.330	24.800	25.221	---	---	MEAN
MAX	---	---	23.639	23.678	23.631	23.540	23.449	23.831	25.131	25.316	---	---	MAX
MIN	---	---	23.534	23.635	23.531	23.453	23.290	23.225	23.687	25.098	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 25.316 ON OCT 10

MAXIMUM INSTANTANEOUS,
25.322 AT 12:00 MST ON OCT 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 44 N
LONG 111 38 22 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

BERRY CREEK RESERVOIR OUTLET - STATION NO. 05CH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0 1.68A	---	---	11
12	---	---	0	0	0	0	0	0	0	1.72	---	---	12
13	---	---	0	0	0	0	0	0	0	1.72	---	---	13
14	---	---	0	0	0	0	0	0	0	1.72	---	---	14
15	---	---	0	0	0	0	0	0	0	1.71	---	---	15
16	---	---	0	0	0	0	0	0	0	1.51	---	---	16
17	---	---	0	0	0	0	0	0	0	0.784	---	---	17
18	---	---	0	0	0	0	0	0	0	0.469	---	---	18
19	---	---	0	0	0	0	0	0	0	0.077	---	---	19
20	---	---	0	0	0	0	0	0	0	0.018	---	---	20
21	---	---	0	0	0	0	0	0	0	0.002	---	---	21
22	---	0A	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0 A	---	---	29
30	---		0	0	0	0	0	0	0	0 E	---	---	30
31	---		0		0		0	0		0 E		---	31
TOTAL	---	---	0	0	0	0	0	0	0	9.819	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0.317	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	1.72	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.72 ON OCT 11
MINIMUM DAILY, 0A ON FEB 22
MAXIMUM INSTANTANEOUS,
1.83 AT 00:49 MST ON OCT 11

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 33 N
LONG 111 37 51 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	848
MAY	0	NOV	---
JUN	0	DEC	---

BIGELOW RESERVOIR NEAR WINBORNE - STATION NO 05CE901

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	881.765	881.842	881.986	882.009	881.839	881.478	881.448	---	---	1
2	---	---	---	881.778	881.843	881.969	881.984	881.833	881.474	881.446	---	---	2
3	---	---	---	881.792	881.863	881.965	881.971	881.828	881.471	881.445	---	---	3
4	---	---	---	881.807	881.874	881.954	881.958	881.815	881.469	881.445	---	---	4
5	---	---	---	881.819	881.877	881.985	881.936	881.808	881.487	881.443	---	---	5
6	---	---	---	881.828	881.884	881.984	881.925	881.808	881.488	881.440	---	---	6
7	---	---	---	881.834	881.888	881.985	881.909	881.799	881.466	881.439	---	---	7
8	---	881.476	---	881.838	881.857	881.983	881.888	881.790	881.428	881.438	---	---	8
9	---	---	---	881.841	881.926	881.958	881.885	881.781	881.428	881.433	---	---	9
10	---	---	---	881.845	881.933	882.009	881.870	881.777	881.429	881.431	---	---	10
11	---	---	---	881.848	881.940	882.025	881.854	881.773	881.425	881.435	---	---	11
12	---	---	---	881.849	881.944	882.038	881.844	881.766	881.434	881.435	---	---	12
13	---	---	---	881.850	881.942	882.045	881.845	881.763	881.433	881.433	---	---	13
14	---	---	---	881.850	881.948	882.051	881.827	881.756	881.430	881.434	---	---	14
15	---	---	---	881.848	881.954	882.057	881.812	881.751	881.428	881.429	---	---	15
16	---	---	---	881.848	881.958	882.062	881.797	881.748	881.431	881.442	---	---	16
17	---	---	---	881.851	881.959	882.067	881.782	881.741	881.431	881.440	---	---	17
18	---	---	---	881.853	881.957	882.063	881.761	881.737	881.429	881.450	---	---	18
19	---	---	---	881.861	881.958	882.070	881.748	881.736	881.427	881.438	---	---	19
20	---	---	---	881.881	881.964	882.069	881.734	881.737	881.426	881.438	---	---	20
21	---	---	---	881.863	881.964	882.066	881.728	881.730	881.455	881.436	---	---	21
22	---	---	---	881.867	881.965	882.067	881.721	881.722	881.464	881.434	---	---	22
23	---	---	881.572	881.885	881.958	882.065	881.704	881.720	881.483	881.433	---	---	23
24	---	---	881.581	881.883	881.981	882.061	881.695	881.718	881.481	881.434	---	---	24
25	---	---	881.587	881.884	881.984	882.058	881.686	881.710	881.481	881.436	---	---	25
26	---	---	881.606	881.858	881.981	882.051	881.677	881.702	881.458	881.437A	---	---	26
27	---	---	881.644	881.854	881.971	882.047	881.671	881.700	881.458	881.437E	---	---	27
28	---	---	881.671	881.854	881.974	882.042	881.668	881.693	881.455	881.438E	---	---	28
29	---	---	881.700	881.852	881.976	882.033	881.659	881.688	881.451	881.434E	---	---	29
30	---	---	881.727	881.848	881.976	882.016	881.655	881.677	881.449	881.432E	---	---	30
31	---	---	881.748		881.983		881.648	881.675		881.430E	---	---	31
MEAN	---	---	---	881.843	881.935	882.027	881.802	881.752	881.447	881.437	---	---	MEAN
MAX	---	---	---	881.887	881.983	882.070	882.009	881.839	881.478	881.450	---	---	MAX
MIN	---	---	---	881.765	881.842	881.954	881.648	881.675	881.426	881.429	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 882.070 ON JUN 19

MAXIMUM INSTANTANEOUS,
882.090 AT 13:13 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 15 N
LONG 113 27 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
413 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

BIGKNIFE CREEK NEAR CADSBY - STATION NO 05FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3898	0	0	0	0	0	0.008	---	---	1
2	---	---	0 B	0.2508	0	0	0	0	0	0.007	---	---	2
3	---	---	0 B	0.1588	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.095	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.057	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.045	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.035	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.022	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.015	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.014	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.011	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.009	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.008	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.009	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.013	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.011	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.009	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.009	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.012	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.010	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.007	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0.010	0 B	---	---	26
27	---	---	0 B	0	0	0	0	0	0.030	0 B	---	---	27
28	---	---	0 B	0	0	0	0	0	0.026	0 B	---	---	28
29	---	0B	0.1008	0	0	0	0	0	0.016	0 B	---	---	29
30	---		0.3008	0	0	0	0	0	0.011	0 B	---	---	30
31	---		0.5158		0		0	0		0 B	---	---	31
TOTAL	---	---	0.916	1.193	0	0	0	0	0.102	0.016	---	---	TOTAL
MEAN	---	---	0.030	0.040	0	0	0	0	0.003	0.001	---	---	MEAN
MAX	---	---	0.518	0.389	0	0	0	0	0.030	0.008	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.5158 ON MAR 31
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 04 N
LONG 112 21 18 W
DRAINAGE AREA, 223 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	79.1	SEP	8.81
APR	103	OCT	1.38
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 192 dam³

BIRCH RIVER BELOW ALICE CREEK - STATION NO. 07KE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.625B	0.468B	1.40B	27.0E	77.7	89.8	34.9	47.1	32.2	33.5 B	8.20B	1
2	0.960B	0.620B	0.459B	1.90B	25.2E	308	82.5	32.8	54.2	32.6	31.2 B	7.80B	2
3	0.860B	0.614B	0.452B	2.18B	23.4E	294	88.3	30.7	74.2	33.9	29.2 B	7.60B	3
4	0.940B	0.609B	0.446B	2.40B	21.8E	273	74.0	28.8	88.5	35.0	27.6 B	7.35B	4
5	0.920B	0.604B	0.446B	2.67B	20.0E	345	77.2	27.0	88.1	36.1	26.0 B	7.05B	5
6	0.907B	0.599B	0.446B	3.04B	19.1E	329	75.7	25.8	104	35.8	24.7 B	6.80B	6
7	0.883B	0.594B	0.446B	3.55B	18.0E	314	85.4	28.0	114	36.2	23.3 B	6.60B	7
8	0.863B	0.588B	0.446B	4.30B	16.8E	308	125	29.4	128	36.5	22.2 B	6.35B	8
9	0.858B	0.583B	0.446B	5.38B	14.9E	308	150	29.7	138	36.1	21.0 B	6.15B	9
10	0.853B	0.578B	0.446B	6.90B	13.9E	313	181	31.1	141	35.3	20.0 B	5.95B	10
11	0.841B	0.573B	0.446B	9.00B	13.1E	322	192	37.0	142	34.3	19.0 B	5.73B	11
12	0.828B	0.568B	0.446B	12.6 B	12.7E	325	201	43.7	140	33.3	18.1 B	5.55B	12
13	0.816B	0.562B	0.446B	18.0 B	12.5E	321	204	46.8	123	32.6	17.2 B	5.40B	13
14	0.804B	0.557B	0.446B	25.0 B	12.8E	313	203	45.8	123	33.0	16.4 B	5.20B	14
15	0.792B	0.552B	0.446B	33.1 B	12.8E	289	200	44.6	113	34.7	15.6 B	5.05B	15
16	0.778B	0.547B	0.446B	39.7	13.4E	262	190	42.1	103	37.8	15.0 B	4.86B	16
17	0.767B	0.542B	0.446B	41.8	15.3E	251	177	38.4	92.1	44.5A	14.3 B	4.80B	17
18	0.756B	0.536B	0.446B	39.9	16.5E	224	179	37.0	80.0	52.5E	13.8 B	4.65B	18
19	0.742B	0.531B	0.446B	41.3	23.8E	172	144	34.6	71.6	65.0E	13.1 B	4.50B	19
20	0.730B	0.526B	0.446B	42.0	26.0E	144	128	32.3	64.9	70.0E	12.6 B	4.35B	20
21	0.722B	0.521B	0.446B	43.6	34.6A	138	112	29.8	59.3	69.5E	12.1 B	4.20B	21
22	0.714B	0.516B	0.446B	44.5	48.5	130	98.1	27.5	54.5	69.0E	11.6 B	4.10B	22
23	0.708B	0.510B	0.446B	43.5	55.6	121	84.1	25.1	50.3	64.0E	11.1 B	4.00B	23
24	0.688B	0.506B	0.500B	41.4	58.6	110	73.3	23.7	45.9	60.0E	10.6 B	3.85B	24
25	0.890B	0.500B	0.950B	39.4	59.3	101	67.9	20.6	44.3	55.0E	10.2 B	3.65B	25
26	0.860B	0.483B	0.800B	37.1	58.3	92.0	61.9	18.7	42.0	50.5B	9.85B	3.48B	26
27	0.870B	0.468B	0.880B	34.9	55.7	84.4	56.9	17.4	40.0	46.5B	9.45B	3.30B	27
28	0.860B	0.479B	0.780B	32.8	51.9	78.7	51.6	16.6	37.0A	43.0B	9.05B	3.12B	28
29	0.850B	0.473B	0.900B	30.9 A	47.0	84.9	48.5	17.3	34.2	40.0B	8.85B	3.00B	29
30	0.840B		1.04 B	29.0 E	42.3	80.6	41.7	26.6	33.0	37.5B	8.45B	2.90B	30
31	0.830B		1.25 B		38.7		38.0	41.0		35.5B		2.60B	31
TOTAL	24 614	16 881	18 587	713.45	909.8	8 707.3	3 499.7	984.7	2 489.2	1 356.9	515.25	158.53	TOTAL
MEAN	0.791	0.581	0.539	23.8	29.3	324	113	31.1	83.0	43.8	17.2	5.11	MEAN
MAX	1.00	0.826	1.25	44.5	59.3	384	204	46.8	142	70.0	33.5	8.20	MAX
MIN	0.630	0.473	0.446	1.80	12.5	80.6	38.0	18.6	33.0	32.2	8.45	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.5
MAXIMUM DAILY, 384 ON JUN 3
MINIMUM DAILY, 0.446B ON MAR 4
MAXIMUM INSTANTANEOUS,
404 AT 14:45 MST ON JUN 3

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 18 40 N
LONG 113 04 05 W
DRAINAGE AREA, 10 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 120	JUL	302 000
FEB	1 380	AUG	83 400
MAR	1 430	SEP	215 000
APR	61 800	OCT	117 000
MAY	78 800	NOV	44 500
JUN	580 000	DEC	13 700

TOTAL DISCHARGE, 1 500 000 dam³

BLACKMUD CREEK NEAR ELLERSLIE - STATION NO. 05DF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.10 B	0.121	0.158	0.011	0	0	0.101	---	---	1
2	---	---	0 B	2.23 B	0.120	0.116	0.008	0	0	0.098	---	---	2
3	---	---	0 B	2.22 B	0.222	0.048	0.006	0	0	0.100	---	---	3
4	---	---	0 B	1.82 B	0.123	0.026	0.003	0	0	0.095	---	---	4
5	---	---	0 B	1.50 B	0.083	0.019	0.002	0	0.001	0.093	---	---	5
6	---	---	0 B	1.25 B	0.081	0.024	0.002	0	0.008	0.094	---	---	6
7	---	---	0 B	1.09 B	0.086	0.057	0.003	0	0.372	0.098	---	---	7
8	---	---	0 B	0.967B	0.047	0.299	0.002	0	0.552	0.110	---	---	8
9	---	---	0 B	0.884B	0.050	0.311	0.011	0	0.147	0.122	---	---	9
10	---	---	0 B	0.845B	0.136	0.171	0.026	0	0.278	0.124	---	---	10
11	---	---	0 B	0.800B	0.086	0.070	0.035	0	0.186	0.138	---	---	11
12	---	---	0 B	0.944B	0.050	0.037	0.036	0	0.084	0.146	---	---	12
13	---	---	0 B	0.493	0.035	0.310	0.170	0	0.052	0.168	---	---	13
14	---	---	0 B	0.426	0.031	0.220	0.347	0	0.081	0.145	---	---	14
15	---	---	0 B	0.405	0.026	0.078	0.138	0	0.083	0.1208	---	---	15
16	---	---	0 B	0.424	0.024	0.046	0.082	0	0.074	0.1108	---	---	16
17	---	---	0 B	0.345	0.027	0.023	0.083	0	0.057	0.1058	---	---	17
18	---	---	0 B	0.369	0.024	0.020	0.058	0	0.050	0.1008	---	---	18
19	---	---	0 B	0.398	0.026	0.019	0.055	0	0.053	0.1108	---	---	19
20	---	---	0.020B	0.412	0.026	0.024	0.042	0	0.062	0.1208	---	---	20
21	---	---	0.110B	0.406	0.024	0.023	0.033	0	0.085	0.1158	---	---	21
22	---	---	0.200B	0.332	0.025	0.020	0.026	0	0.477	0.1108	---	---	22
23	---	---	1.72 B	0.278	0.025	0.018	0.021	0	0.843	0.1058	---	---	23
24	---	---	3.23 B	0.237	0.024	0.018	0.018	0	0.250	0.0808	---	---	24
25	---	---	3.55 B	0.223	0.023	0.017	0.011	0	0.118	0.0858	---	---	25
26	---	---	3.55 B	0.191	0.022	0.018	0.007	0	0.096	0.0808	---	---	26
27	---	---	3.70 B	0.272	0.020	0.017	0.003	0	0.100	0.0408	---	---	27
28	---	---	3.70 B	0.238	0.019	0.016	0.002	0	0.103	0.0258	---	---	28
29	---	---	3.60 B	0.158	0.028	0.016	0.001	0	0.098	0.0208	---	---	29
30	---		3.00 B	0.117	0.009	0.014	0.001	0	0.103	0.0148	---	---	30
31	---		2.50 B		0.110		0.001	0		0.0148		---	31
TOTAL	---	---	38.880	21.389	1.713	3.242	1.282	0	4.044	2.923	---	---	TOTAL
MEAN	---	---	0.832	0.712	0.055	0.075	0.041	0	0.135	0.094	---	---	MEAN
MAX	---	---	3.70	2.23	0.222	0.311	0.347	0	0.552	0.168	---	---	MAX
MIN	---	---	0	0.117	0.009	0.014	0.001	0	0	0.014	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.355
MAXIMUM DAILY, 3.70B ON MAR 27
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 50 N
LONG 113 30 55 W
DRAINAGE AREA, 843 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	109
FEB	---	AUG	0
MAR	2 500	SEP	348
APR	1 850	OCT	253
MAY	148	NOV	---
JUN	104	DEC	---

TOTAL DISCHARGE, 5 400 dam³

BLINDMAN RIVER NEAR BLACKFALDS - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2358	0.3108	0.2858	11.8 B	0.885	2.40	0.618	0.088	0.010	1.87	1.20 B	0.5008	1
2	0.2408	0.3208	0.2938	15.4 B	0.887	2.31	0.578	0.108	0.030	1.74	1.21 B	0.4808	2
3	0.2508	0.3258	0.2908	14.3 B	0.887	3.40	0.508	0.158	0.087	1.52	1.22 B	0.4808	3
4	0.2558	0.3308	0.2858	11.4 B	1.11	2.88	0.313	0.127	0.007	1.35	1.23 B	0.4408	4
5	0.2628	0.3408	0.2908	9.30 B	2.38	2.19	0.271	0.118	0.002	1.31	1.23 B	0.4208	5
6	0.2648	0.3458	0.2928	7.71 B	5.77	1.83	0.434	0.140	0.008	1.31	1.22 B	0.4058	6
7	0.2668	0.3508	0.2938	6.04 B	7.20	1.58	0.272	0.182	0.174	1.13	1.21 B	0.3908	7
8	0.2688	0.3528	0.2958	4.32 B	6.70	1.85	0.200	0.140	0.848	1.08	1.20 B	0.3788	8
9	0.2858	0.3558	0.2978	3.41 B	5.48	2.60	0.182	0.088	0.726	1.03	1.18 B	0.3658	9
10	0.2698	0.3608	0.2998	4.08	4.28	8.28	0.118	0.083	1.27	0.818	1.13 B	0.3358	10
11	0.2688	0.3658	0.3008	3.43	3.73	9.33	0.134	0.084	1.87	0.893	1.10 B	0.3258	11
12	0.2708	0.3708	0.3018	2.82	3.40	7.62	0.242	0.102	1.71	0.812	1.05 B	0.3058	12
13	0.2708	0.3758	0.3038	2.52	2.88	5.81	0.208	0.102	1.78	0.570	1.01 B	0.2958	13
14	0.2698	0.3808	0.3078	2.20	2.47	4.44	0.171	0.107	1.40	0.597	0.9508	0.2858	14
15	0.2708	0.3858	0.3108	1.93	2.38	3.51	0.135	0.087	1.20	0.585	0.9208	0.2758	15
16	0.2728	0.3808	0.3208	1.78	2.48	2.78	0.107	0.081	0.947	0.830	0.8908	0.2658	16
17	0.2728	0.3708	0.3288	1.87	3.78	2.88	0.088	0.090	0.719	0.857	0.8558	0.2558	17
18	0.2738	0.3658	0.3308	1.49	8.57	2.85	0.075	0.138	0.584	0.512	0.8158	0.2458	18
19	0.2748	0.3558	0.3408	1.57	6.88	3.31	0.079	0.117	0.513	0.803	0.7908	0.2358	19
20	0.2738	0.3508	0.3508	1.54	9.35	3.08	0.075	0.121	0.496	0.755	0.7658	0.2258	20
21	0.2748	0.3408	0.4008	1.52	4.07	2.88	0.118	0.098	0.802	0.688	0.7318	0.2208	21
22	0.2758	0.3308	0.5008	1.37	3.37	2.37	0.124	0.082	0.712	0.882	0.7108	0.2108	22
23	0.2758	0.3208	0.6938	1.32	2.88	2.18	0.112	0.074	3.25	1.06	0.6808	0.2008	23
24	0.2778	0.3158	1.85 B	1.11	2.54	1.87	0.082	0.078	5.20	1.04	0.6508	0.1958	24
25	0.2808	0.3108	3.51 B	1.03	2.30	1.41	0.087	0.077	4.88	1.01	0.6308	0.1908	25
26	0.2808	0.3058	3.97 B	0.969	3.47	1.15	0.091	0.071	4.16	1.07 B	0.6108	0.1808	26
27	0.2858	0.3038	4.21 B	0.898	3.85	0.933	0.081	0.076	3.85	1.02 B	0.5908	0.1758	27
28	0.2808	0.3018	5.09 B	0.772	3.44	0.848	0.113	0.067	3.15	1.05 B	0.5608	0.1708	28
29	0.2958	0.2988	5.56 B	0.712	2.87	0.774	0.188	0.052	2.59	1.08 B	0.5308	0.1608	29
30	0.3008		7.05 B	0.717	2.47	0.898	0.114	0.031	2.13	1.11 B	0.5158	0.1558	30
31	0.3058		9.72 B		2.43		0.100	0.020		1.16 B		0.1508	31
TOTAL	8.426	9.905	48.681	118.218	108.789	89.521	5.988	2.993	44.295	30.939	27.381	8.875	TOTAL
MEAN	0.272	0.342	1.57	3.97	3.54	2.98	0.193	0.097	1.48	0.998	0.912	0.286	MEAN
MAX	0.308	0.385	9.72	15.4	7.20	9.33	0.618	0.182	5.20	1.87	1.23	0.500	MAX
MIN	0.235	0.298	0.288	0.712	0.887	0.898	0.075	0.020	0.003	0.512	0.818	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.36
MAXIMUM DAILY, 15.48 ON APR 2
MINIMUM DAILY, 0.003 ON SEP 5

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 14 N
LONG 113 47 35 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	728	JUL	517
FEB	856	AUG	258
MAR	4 210	SEP	3 830
APR	10 300	OCT	2 670
MAY	9 480	NOV	2 380
JUN	7 730	DEC	767

TOTAL DISCHARGE, 43 700 dam³

BLINDMAN RIVER NEAR BLUFFTON - STATION NO 05CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0818	7.05 B	0.174	1.13	0.056	0.010	0.014	0.898	0.3058	---	1
2	---	---	0.0828	6.48 B	0.188	0.881	0.033	0.018	0.022	0.747	0.2768	---	2
3	---	---	0.0838	5.52 B	0.340	0.581	0.022	0.014	0.031	0.826	0.2448	---	3
4	---	---	0.0848	4.50 B	1.48	0.415	0.040	0.010	0.033	0.715	0.2138	---	4
5	---	---	0.0858	3.37 B	5.30	0.358	0.056	0.008	0.033	0.772	0.1828	---	5
6	---	---	0.0868	2.88 B	5.07	0.372	0.035	0.004	0.071	0.788	---	---	6
7	---	---	0.0878	2.43 B	4.77	0.488	0.053	0.004	0.235	0.755	---	---	7
8	---	---	0.0888	1.92 B	3.62	1.94	0.077	0.004	0.326	0.650	---	---	8
9	---	---	0.0898	1.44 B	2.79	5.56	0.053	0.004	0.280	1.20	---	---	9
10	---	---	0.0908	1.19 B	2.43	4.75	0.056	0.004	0.187	1.08	---	---	10
11	---	---	0.0928	1.04 B	2.06	4.43	0.061	0.005	0.343	1.12	---	---	11
12	---	---	0.0938	0.901	1.81	3.27	0.065	0.005	0.385	0.958	---	---	12
13	---	---	0.0958	0.739	1.38	1.86	0.055	0.005	0.397	1.08	---	---	13
14	---	---	0.0968	0.581	1.08	0.842	0.045	0.005	0.433	0.974	---	---	14
15	---	---	0.0988	0.537	1.54	0.747	0.038	0.005	0.480	0.888	---	---	15
16	---	---	0.0988	0.521	2.45	0.877	0.030	0.005	0.593	0.798	---	---	16
17	---	---	0.1008	0.488	2.96	0.926	0.021	0.010	0.889	0.773	---	---	17
18	---	---	0.1008	0.699	3.69	0.826	0.010	0.015	0.850	0.7418	---	---	18
19	---	---	0.1018	0.969	2.73	0.755	0.015	0.020	0.589	0.7108	---	---	19
20	---	---	0.1018	0.804	2.01	0.723	0.016	0.024	1.34	0.6788	---	---	20
21	---	---	0.1018	0.488	1.58	0.368	0.022	0.018	1.90	0.6488	---	---	21
22	---	---	0.1068	0.464	1.10	0.199	0.021	0.006	3.46	0.6178	---	---	22
23	---	---	0.1258	0.430	1.20	0.188	0.033	0.002	1.38	0.5868	---	---	23
24	---	---	0.1858	0.386	1.33	0.181	0.008	0.002	2.27	0.5558	---	---	24
25	---	---	0.3808	0.343	1.26	0.260	0.001	0.002	1.88	0.5248	---	---	25
26	---	---	1.15 B	0.322	1.18	0.145	0.018	0.007	1.74	0.4938	---	---	26
27	---	---	2.20 B	0.300	1.03	0.108	0.029	0.007	1.38	0.4628	---	---	27
28	---	---	2.65 B	0.286	0.917	0.105	0.038	0.006	1.15	0.4308	---	---	28
29	---	---	2.95 B	0.275	0.881	0.083	0.013	0.018	1.10	0.3998	---	---	29
30	---	---	7.98 B	0.234	0.804	0.012	0.017	0.017	1.08	0.3388	---	---	30
31	---	---	7.55 B		0.850		0.012	0.018		0.3378		---	31
TOTAL	---	---	27.187	47.804	89.054	32.941	1.071	0.275	24.450	22.469	---	---	TOTAL
MEAN	---	---	0.877	1.59	1.90	1.10	0.035	0.009	0.815	0.725	---	---	MEAN
MAX	---	---	7.98	7.05	5.30	5.56	0.077	0.024	3.46	1.20	---	---	MAX
MIN	---	---	0.081	0.224	0.174	0.012	0.001	0.002	0.014	0.337	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.675
MAXIMUM DAILY, 7.98B ON MAR 30
MINIMUM DAILY, 0.002 ON AUG 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 49 22 N
LONG 114 17 03 W
DRAINAGE AREA, 382 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	92.5
FEB	---	AUG	23.8
MAR	2 350	SEP	2 110
APR	4 130	OCT	1 940
MAY	5 100	NOV	---
JUN	3 850	DEC	---

TOTAL DISCHARGE, 18 500 dam³

BLOOD INDIAN CREEK NEAR CABIN LAKE - STATION NO. 06CK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.0088	0	0	0	0	0	0	---	---	1
2	---	---	0	0.004	0	0	0	0	0	0	---	---	2
3	---	---	0	0.003	0	0	0	0	0	0	---	---	3
4	---	---	0	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0	0.002	0	0	0	0	0	0	---	---	5
6	---	---	0	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	0A	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0.001	0	0	0	0	0	0	0	---	---	26
27	---	0	0.001A	0	0	0	0	0	0	0	---	---	27
28	---	0	0.002	0	0	0	0	0	0	0	---	---	28
29	---	0	0.0048	0	0	0	0	0	0	0A	---	---	29
30	---		0.0108	0	0	0	0	0	0	0E	---	---	30
31	---		0.0078		0		0	0		0E		---	31
TOTAL	---	---	0.025	0.025	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.010	0.008	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.0108 ON MAR 30
MINIMUM DAILY, 0A ON FEB 22

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 44 N
LONG 111 14 19 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2.16	SEP	0
APR	2.16	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

BLOOD INDIAN CREEK NEAR THE MOUTH - STATION NO. 06CK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.008	0.008	0.004	0.002	0.003	0.002	0.006	---	---	1
2	---	---	0.0028	0.008	0.008	0.004	0.002	0.003	0.002	0.006	---	---	2
3	---	---	0.0028	0.008	0.008	0.004	0.002	0.003	0.002	0.006	---	---	3
4	---	---	0.0028	0.008	0.008	0.004	0.002	0.003	0.002	0.006	---	---	4
5	---	---	0.0038	0.007	0.008	0.004	0.002	0.003	0.002	0.006	---	---	5
6	---	---	0.0038	0.007	0.004	0.004	0.002	0.003	0.002	0.006	---	---	6
7	---	---	0.0038	0.007	0.004	0.003	0.002	0.003	0.002	0.006	---	---	7
8	---	---	0.0038	0.007	0.004	0.004	0.002	0.002	0.003	0.006	---	---	8
9	---	---	0.0038	0.006	0.004	0.003	0.002	0.002	0.003	0.006	---	---	9
10	---	---	0.003	0.006	0.004	0.003	0.002	0.002	0.003	0.007	---	---	10
11	---	---	0.004	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	11
12	---	---	0.004	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	12
13	---	---	0.004	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	13
14	---	---	0.004	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	14
15	---	---	0.004	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	15
16	---	---	0.004A	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	16
17	---	---	0.004A	0.006	0.004	0.003	0.002	0.002	0.005	0.007	---	---	17
18	---	---	0.004A	0.006	0.004	0.002	0.002	0.002	0.005	0.008	---	---	18
19	---	---	0.005E	0.006	0.004	0.002	0.002	0.002	0.005	0.007	---	---	19
20	---	---	0.005E	0.006	0.004	0.002	0.003	0.002	0.005	0.007	---	---	20
21	---	---	0.006A	0.006	0.004	0.002	0.003	0.002	0.006	0.007	---	---	21
22	---	0.0028	0.006	0.006	0.004	0.002	0.003	0.002	0.006	0.007	---	---	22
23	---	0.0028	0.006	0.006	0.004	0.002	0.003	0.002	0.006	0.007	---	---	23
24	---	0.0028	0.006	0.006	0.004	0.002	0.003	0.002	0.006	0.007	---	---	24
25	---	0.0028	0.008	0.006	0.004	0.002	0.002	0.002	0.006	0.0078	---	---	25
26	---	0.0028	0.010	0.006	0.004	0.002	0.002	0.002	0.006	0.0078	---	---	26
27	---	0.0028	0.011	0.006	0.004	0.002	0.002	0.002	0.006	0.0078	---	---	27
28	---	0.0028	0.011	0.006	0.004	0.002	0.002	0.002	0.006	0.0078	---	---	28
29	---	0.0028	0.010	0.006	0.004	0.002	0.002	0.002	0.006	0.0078	---	---	29
30	---		0.010	0.006	0.004	0.002	0.004	0.002	0.006	0.0078	---	---	30
31	---		0.009		0.004		0.003	0.002		0.0078		---	31
TOTAL	---	---	0.158	0.138	0.128	0.084	0.070	0.068	0.128	0.210	---	---	TOTAL
MEAN	---	---	0.005	0.006	0.004	0.003	0.002	0.002	0.004	0.007	---	---	MEAN
MAX	---	---	0.011	0.008	0.008	0.004	0.004	0.003	0.006	0.008	---	---	MAX
MIN	---	---	0.002	0.006	0.004	0.002	0.002	0.002	0.002	0.006	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.011 ON MAR 27
MINIMUM DAILY, 0.0028 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.015 AT 20:08 MST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 57 26 N
LONG 111 03 30 W
DRAINAGE AREA, 695 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.05
FEB	---	AUG	5.88
MAR	13.7	SEP	11.1
APR	16.0	OCT	18.1
MAY	11.1	NOV	---
JUN	7.26	DEC	---

TOTAL DISCHARGE, 89.2 dam³

BOUNTIFUL COULEE INFLOW NEAR CRANFORD - STATION NO. 05AG026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.002	0.281	0.205	0.155	0.264	0.091	---	---	1
2	---	---	---	---	0.223	0.268	0.172	0.278	0.170	0.080	---	---	2
3	---	---	---	---	0.071	0.229	0.215	0.389	0.188	0.078	---	---	3
4	---	---	---	---	0.082	0.246	0.223	0.273	0.228	0.097	---	---	4
5	---	---	---	---	0.973	0.313	0.348	0.278	0.240	0.054	---	---	5
6	---	---	---	---	0.054	0.386	0.330	0.324	0.184	0.071	---	---	6
7	---	---	---	---	0.066	0.305	0.302	0.203	0.299	0.053	---	---	7
8	---	---	---	---	0.076	0.285	0.320	0.142	0.217	0.057	---	---	8
9	---	---	---	---	0.055	0.562	0.338	0.196	0.195	0.078	---	---	9
10	---	---	---	---	0.051	0.814	0.412	0.192	0.210	0.056	---	---	10
11	---	---	---	---	0.101	0.808	0.317	0.155	0.184	0.011	---	---	11
12	---	---	---	---	0.128	0.489	0.205	0.186	0.151	0.001	---	---	12
13	---	---	---	---	0.140	0.332	0.185	0.191	0.185	0	---	---	13
14	---	---	---	---	0.114	0.323	0.261	0.153	0.206	0	---	---	14
15	---	---	---	---	0.119	0.254	0.367	0.134	0.255	0	---	---	15
16	---	---	---	---	0.168	0.234	0.363	0.213	0.214	0	---	---	16
17	---	---	---	---	0.302	0.168	0.207	0.238	0.310	0	---	---	17
18	---	---	---	0.002E	0.300	0.260	0.250	0.223	0.285	0 B	---	---	18
19	---	---	---	0.004	0.305	0.300	0.255	0.259	0.156	0 0.001B	---	---	19
20	---	---	---	0.004	0.176	0.436	0.197	0.236	0.157	0 B	---	---	20
21	---	---	---	0.004	0.185	0.458	0.252	0.203	0.148	0 B	---	---	21
22	---	---	---	0.003	0.200	0.467	0.472	0.179	0.142	0 B	---	---	22
23	---	---	---	0.003	0.205	0.191	0.360	0.106	0.138	0 B	---	---	23
24	---	---	---	0.003	0.228	0.153	0.235	0.083	0.131	0 0.001B	---	---	24
25	---	---	---	0.003	0.451	0.161	0.251	0.078	0.121	0 0.003B	---	---	25
26	---	---	---	0.003	0.532	0.252	0.300	0.216	0.157	0 0.005B	---	---	26
27	---	---	---	0.002	0.534	0.220	0.270	0.228	0.094	0 0.002B	---	---	27
28	---	---	---	0.002	0.514	0.264	0.329	0.178	0.095	0 0.003B	---	---	28
29	---	---	---	0.001	0.578	0.265	0.333	0.227	0.113	0 0.002B	---	---	29
30	---		---	0.001	0.426	0.288	0.213	0.168	0.151	0 0.001B	---	---	30
31	---		---		0.274		0.162	0.162		0 B	---	---	31
TOTAL	---	---	---	---	6.243	10.086	8.659	6.244	5.580	0.755	---	---	TOTAL
MEAN	---	---	---	---	0.201	0.336	0.279	0.201	0.186	0.024	---	---	MEAN
MAX	---	---	---	---	0.578	0.814	0.472	0.389	0.310	0.097	---	---	MAX
MIN	---	---	---	---	0.002	0.153	0.162	0.078	0.094	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.204
MAXIMUM DAILY, 0.814 ON JUN 10
MINIMUM DAILY, 0 ON OCT 13

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 08 N
LONG 112 18 55 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	748
FEB	---	AUG	538
MAR	---	SEP	482
APR	---	OCT	65.2
MAY	538	NOV	---
JUN	871	DEC	---

TOTAL DISCHARGE, 3 240 dam³

BOUNTIFUL COULEE NEAR CRANFORD - STATION NO. 05AG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.010	0.785	0.902	0.801	0.658	0.228	---	---	1
2	---	---	---	---	0.012	0.800	0.651	0.611	0.707	0.167	---	---	2
3	---	---	---	---	0	0.788	0.468	0.623	0.782	0.159	---	---	3
4	---	---	---	---	0.007	0.779	0.547	0.500	0.668	0.331	---	---	4
5	---	---	---	---	0.123	0.782	0.713	0.498	0.423	0.362	---	---	5
6	---	---	---	---	0.163	0.799	0.561	0.629	0.448	0.307	---	---	6
7	---	---	---	---	0.136	0.711	0.632	0.574	1.16	0.340	---	---	7
8	---	---	---	---	0.131	1.00	0.832	0.911	0.811	0.585	---	---	8
9	---	---	---	---	0.129	1.13	0.918	0.789	0.589	0.600	---	---	9
10	---	---	---	---	0.205	1.53	0.805	0.548	0.610	0.707	---	---	10
11	---	---	---	---	0.191	1.43	0.671	0.280	0.704	0.897	---	---	11
12	---	---	---	---	0.175	1.07	0.369	0.401	0.585	0.629	---	---	12
13	---	---	---	---	0.161	1.04	0.685	0.500	0.290	0.112	---	---	13
14	---	---	---	---	0.155	0.805	0.636	0.346	0.258	0.021	---	---	14
15	---	---	---	---	0.314	0.755	0.847	0.542	0.212	0.012	---	---	15
16	---	---	---	---	0.458	0.901	0.874	0.630	0.269	0.028	---	---	16
17	---	---	---	---	0.401	0.948	0.841	0.743	0.237	0.039B	---	---	17
18	---	---	---	A	0.458	0.677	0.847	0.673	0.286	0.018B	---	---	18
19	---	---	---	B	0.499	0.573	0.918	0.453	0.347	0.013B	---	---	19
20	---	---	---	B	0.491	0.593	0.702	0.445	0.389	0.013B	---	---	20
21	---	---	---	0	0.427	1.15	0.901	0.423	0.259	0.014B	---	---	21
22	---	---	---	0	0.529	1.67	1.10	0.364	0.282	0.015B	---	---	22
23	---	---	---	0	0.781	1.04	1.01	0.393	0.255	0.015B	---	---	23
24	---	---	---	0	0.885	0.828	0.831	0.461	0.245	0.018B	---	---	24
25	---	---	---	0	0.815	0.784	0.849	0.522	0.233	0.018B	---	---	25
26	---	---	---	0.003	0.725	0.673	0.882	0.857	0.261	0.020B	---	---	26
27	---	---	---	0.001	0.891	0.735	0.772	0.803	0.250	0.027B	---	---	27
28	---	---	---	0	0.792	0.842	0.855	0.813	0.338	0.040B	---	---	28
29	---	---	---	0	0.928	0.802	0.838	0.415	0.275	0.039B	---	---	29
30	---		---	0	0.836	0.820	1.27	0.418	0.187	0.038B	---	---	30
31	---		---		0.877		0.892	0.388		0.038B	---	---	31
TOTAL	---	---	---	---	12.244	26.724	23.828	18.932	13.817	5.614	---	---	TOTAL
MEAN	---	---	---	---	0.395	0.891	0.769	0.548	0.431	0.181	---	---	MEAN
MAX	---	---	---	---	0.936	1.67	1.27	0.811	1.16	0.707	---	---	MAX
MIN	---	---	---	---	0	0.573	0.369	0.280	0.187	0.012	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.634
MAXIMUM DAILY, 1.67 ON JUN 22
MINIMUM DAILY, 0 ON MAY 3

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 13 N
LONG 112 20 15 W
DRAINAGE AREA, 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 080
FEB	---	AUG	1 460
MAR	---	SEP	1 120
APR	---	OCT	485
MAY	1 080	NOV	---
JUN	2 310	DEC	---

TOTAL DISCHARGE, 8 500 dam³

BOW RIVER AT BANFF - STATION NO. 05BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.310	8.210	8.280	7.11	8.67	73.8	183 E	84.0	47.1	30.8	8.620	10.0 B	1
2	8.330	7.360	8.370	7.25	8.97	58.2	122 E	81.9	45.5	28.7	10.0 B	8.700	2
3	8.350	7.190	8.280	7.28	8.96	54.2	102 A	85.6	41.3	25.2	14.3 B	8.490	3
4	8.380	8.020	8.010	7.32	8.76	49.6	104	84.0	36.7	24.8	18.9 B	8.570	4
5	8.400	8.790	8.300	7.55	8.73	48.0	108	81.7	37.6	26.4	18.6 B	10.7 B	5
6	8.420	8.680	8.250	7.35	8.87	55.4	118	85.5	40.3	27.7	18.0 B	8.990	6
7	8.440	8.740	8.430	8.87	8.85	67.6	110	83.5	44.6	27.0	17.7 B	9.110	7
8	8.460	8.690	8.510	8.67	9.21	78.3	94.6	73.1	41.0	26.3	17.5 B	9.900	8
9	8.480	8.670	8.640	8.81	9.81	81.8	84.8	70.3	40.2	26.9	15.5 B	10.2 B	9
10	8.510	8.950	8.580	8.63	9.96	71.4	80.5	72.6	40.6	27.5	15.1 B	10.3 B	10
11	8.530	7.290	8.540	8.74	9.80	77.9	86.4	76.5	39.9	26.9	16.0 B	10.3 B	11
12	8.550	7.680	8.590	8.65	9.84	87.3	94.1	72.8	42.5	26.6	16.1 B	9.650	12
13	8.570	7.830	8.990	8.42	9.86	123	94.6	77.1	43.5	26.1	15.3 B	9.240	13
14	8.600	7.650	8.910	8.55	10.5	138	92.8	70.3	42.0	25.4	14.8 B	9.170	14
15	8.620	7.080	8.290	8.78	13.0	158	88.3	62.3	40.6	24.3	14.4 B	9.330	15
16	8.630	8.630	8.890	7.81	18.0	187	88.9	58.8	38.6	23.5	13.0 B	8.620	16
17	7.390	8.510	7.350	10.1	22.4	149	93.7	57.5	39.3	22.8	12.6 B	8.320	17
18	7.680	8.150	7.070	11.4	20.3	121	97.6	60.2	50.7	21.7	13.5 B	8.170	18
19	7.920	8.320	6.520	11.9	20.5	102	96.9	59.7	62.2	21.4	14.5 B	8.870	19
20	8.150	8.840	8.860	12.7	23.8	93.7	90.4	54.3	59.7	20.7	14.6 B	9.450	20
21	8.380	8.820	8.82	13.4	24.7	91.9	84.8	48.2	57.3	19.8	14.4 B	9.980	21
22	8.610	8.840	7.24	14.1	22.1	87.3	75.2	46.8	52.1	20.2	12.5 B	9.870	22
23	8.840	8.480	7.66	13.8	21.6	100	68.0	48.3	48.7	19.2	13.2 B	9.750	23
24	9.060	8.400	7.72	12.5	21.1	120	66.4	48.3	42.4	19.4	13.8 B	9.390	24
25	9.290	8.350	7.26	11.4	20.6	124 A	68.7	46.0	41.2	19.3	11.4 B	9.450	25
26	9.520	8.330	7.01	10.6	20.5	131 E	73.7	44.4	36.2	18.9	9.200	9.800	26
27	9.750	8.140	7.06	9.90	20.1	140 E	83.5	88.2	35.2	15.68	9.090	9.740	27
28	9.980	8.200	7.13	9.35	20.7	173 E	85.2	78.1	33.8	13.98	10.7 B	9.740	28
29	9.600	8.410	7.08	9.13	24.2	194 E	89.7	64.3	32.7	11.68	11.9 B	9.700	29
30	8.130		7.12	8.85	43.7	220 E	85.9	55.4	31.7	12.48	11.4 B	9.700	30
31	8.730		7.12		83.9		85.0	49.5		12.08		9.688	31
TOTAL	288.72	188.32	208.31	271.20	583.83	3 247.2	2 880.9	2 067.2	1 288.2	704.0	417.61	294.58	TOTAL
MEAN	8.60	8.84	8.75	9.04	18.8	108	92.9	66.0	42.9	22.7	13.9	9.50	MEAN
MAX	9.98	8.21	7.72	14.1	93.9	220	183	85.6	62.2	30.8	18.6	10.7	MAX
MIN	7.39	8.14	8.81	8.42	8.73	48.0	66.4	44.4	31.7	11.8	8.62	8.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.9
MAXIMUM DAILY, 220E ON JUN 30
MINIMUM DAILY, 8.81B ON MAR 14
MAXIMUM INSTANTANEOUS,
221 ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 30 N
LONG 115 34 10 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 000	JUL	269 000
FEB	17 100	AUG	177 000
MAR	18 100	SEP	111 000
APR	23 400	OCT	60 800
MAY	50 400	NOV	36 100
JUN	281 000	DEC	25 400

TOTAL DISCHARGE, 1 070 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

BOW RIVER AT CALGARY - STATION NO. 05BH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.08	55.08	44.08	39.9	57.4	85.5	195	101	85.9	69.6	36.08	52.08	1
2	56.08	56.08	44.08	42.7	54.8	77.9	217	102	85.7	70.1	35.08	42.08	2
3	57.08	54.08	39.08	48.3	57.8	72.8	203	103	84.6	68.5	35.08	51.08	3
4	56.08	48.08	38.08	46.4	61.9	71.7	183	101	82.7	67.6	35.08	48.08	4
5	59.08	46.08	36.08	43.6	62.5	78.9	124	101	82.0	66.4	38.08	47.08	5
6	58.08	51.08	40.08	41.3	61.5	88.7	126	100	83.0	65.5	46.08	46.08	6
7	59.08	54.08	40.08	41.1	62.5	101	137	100	79.8	64.1	48.08	47.08	7
8	47.08	54.08	40.08	40.1	64.4	105	125	96.4	76.5	64.5	46.08	40.08	8
9	51.08	55.08	41.08	39.2	61.4	98.7	114	84.8	79.3	64.0	44.08	37.08	9
10	55.08	53.08	41.08	45.2	57.8	95.7	112	92.1	78.0	64.0	38.08	41.08	10
11	51.08	52.08	41.08	53.2	54.5	93.0	102	89.9	78.1	62.6	35.08	45.08	11
12	63.08	50.08	42.08	51.8	52.7	97.2	108	90.2	81.8	62.0	40.08	48.08	12
13	58.08	55.08	38.08	48.8	51.9	121	110	89.9	78.2	60.9	44.08	42.08	13
14	53.08	56.08	38.08	44.7	52.5	148	108	89.0	81.8	61.3	45.08	42.08	14
15	48.08	50.08	38.08	43.8	53.1	180	107	89.6	80.6	60.0	48.08	40.08	15
16	48.08	51.08	39.08	42.8	55.4	144	105	89.8	81.1	57.7	46.08	37.08	16
17	46.08	53.08	37.08	43.3	52.9	187	103	89.6	77.4	53.0	47.08	39.08	17
18	46.08	48.08	38.08	44.8	51.7	182	106	83.7	74.0	51.9	39.08	40.08	18
19	42.08	48.08	38.08	44.5	53.8	181	104	95.8	74.4	52.4	44.08	39.08	19
20	41.08	48.08	40.08	52.0	55.6	155	102	92.9	76.9	52.2	54.08	41.08	20
21	42.08	46.08	41.08	55.0	56.3	148	109	91.6	77.8	53.0	53.08	41.08	21
22	43.08	46.08	42.08	52.1	56.7	117	113	92.8	76.4	52.1	49.08	39.08	22
23	44.08	50.08	44.2	52.4	57.5	117	112	85.8	76.3	52.2	49.08	37.08	23
24	46.08	54.08	43.1	57.2	57.8	124	116	88.7	75.0	49.1	47.08	39.08	24
25	44.08	44.08	40.1	50.7	56.9	133	111	85.7	73.2	46.6	45.08	38.08	25
26	44.08	38.08	43.3	46.2	57.0	151	112	85.4	70.9	43.3	51.08	35.08	26
27	46.08	41.08	44.5	45.5	58.3	171	112	84.4	71.0	34.6	50.08	38.08	27
28	51.08	43.08	41.4	47.2	55.3	162	112	84.9	70.2	34.3	44.08	38.08	28
29	52.08	43.08	39.0	57.6	54.6	167	112	85.0	69.0	39.1	53.08	35.08	29
30	56.08		38.7	62.6	54.5	196	112	85.6	69.1	45.3	51.08	34.08	30
31	76.08		38.6		54.6		110	85.7		40.08		40.08	31
TOTAL	1 605.0	1 445.0	1 246.9	1 419.6	1 785.6	3 837.1	3 791	2 861.7	2 334.0	1 727.9	1 338.0	1 278.0	TOTAL
MEAN	51.8	49.8	40.2	47.3	57.0	128	122	92.3	77.8	55.7	44.5	41.2	MEAN
MAX	76.0	56.0	44.5	62.6	64.6	196	217	103	85.9	70.1	54.0	52.0	MAX
MIN	41.0	38.0	38.0	39.2	51.7	71.7	102	84.4	69.0	34.3	35.0	34.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.3
MAXIMUM DAILY, 217 ON JUL 2
MINIMUM DAILY, 34.08 ON DEC 30
MAXIMUM INSTANTANEOUS,
234 AT 11:24 MST ON JUL 2

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 03 00 W
DRAINAGE AREA, 7 850 km²

B - ICE CONDITIONS

REGULATED SINCE 1913

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	139 000	JUL	328 000
FEB	125 000	AUG	247 000
MAR	108 000	SEP	202 000
APR	123 000	OCT	148 000
MAY	153 000	NOV	115 000
JUN	332 000	DEC	110 000

TOTAL DISCHARGE, 2 130 000 dam³

BOW RIVER AT CANMORE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.7B	38.6	30.8	20.7	20.5	69.9	189 A	101	70.0	59.6	36.1B	31.1B	1
2	34.9B	37.2	29.9	23.7	19.8	54.8	146	96.7	70.4	54.1	36.1	34.6B	2
3	36.1B	36.2	28.5	27.2	17.5	80.0	122	99.5	66.3	53.5	35.8	35.0B	3
4	35.4B	35.1	28.3	27.6	18.6	54.7	110	87.5	68.4	43.0	35.6	35.9B	4
5	35.2B	37.4	28.2	28.7	17.1	64.3	112	85.0	66.6	42.0	34.5	39.2B	5
6	34.4B	36.1	28.2	27.2	17.0	77.2	126	89.1	69.2	31.3	29.6	37.7B	6
7	33.1B	35.5	28.5	28.7	18.9	87.3	113	90.0	65.7	42.4	33.1	35.6B	7
8	32.5B	34.4	28.5	24.8	17.3	92.3	97.0	86.2	60.1	39.0	32.8	33.1B	8
9	34.6B	37.3	28.5	29.1	18.5	82.4	97.8	83.8	62.9	50.6	31.5	33.1B	9
10	36.1B	36.9	25.2	27.7	20.4	71.7	86.3	85.9	67.1	52.6	28.2	36.0B	10
11	35.2B	31.7	24.0	27.0	22.5	79.8	88.4	80.6	61.0	45.3	23.9	35.5B	11
12	35.9B	32.9	26.3	28.6	19.8	87.3	96.1	77.3	70.8	48.1	28.5	37.7B	12
13	35.3B	38.8	24.7	24.6	20.3	118	96.9	83.0	71.7	45.3	31.6	42.7B	13
14	32.8B	40.7	25.8	22.9	29.1	138	91.6	78.7	70.3	44.2	28.7	42.7B	14
15	31.8B	24.3	27.8	24.3	26.9	161 A	88.1	70.1	69.0	43.6	32.5	36.2B	15
16	35.1B	35.0	26.7	25.6	28.2	181 E	96.5	69.6	66.9	41.8	32.0	36.1B	16
17	34.6B	32.3	30.3	23.1	33.0	167 A	103	71.6	60.6	38.6	28.8	35.5B	17
18	34.7B	32.2	24.9	22.8	30.3	142	97.1	71.4	66.3	38.9	21.5	36.6B	18
19	33.6B	30.4	25.0	22.5	25.5	123	97.7	72.7	74.2	35.7	34.2	35.6B	19
20	35.6B	26.6	25.8	22.1	26.8	114	91.5	75.1	62.4	33.7	34.6	44.3B	20
21	34.1B	34.5	24.5	23.1	29.5	105	91.0	69.1	61.9	28.4	35.9B	37.2B	21
22	36.1B	32.4	23.5	22.9	31.5	104	76.2	68.4	57.9	38.6	28.9B	35.8B	22
23	39.6B	32.5	24.7	25.4	34.5	114	89.3	71.6	48.9	31.2	31.9B	34.0B	23
24	35.3B	34.5	23.9	25.6	32.7	133	92.1	73.6	56.6	26.1	29.8B	31.5B	24
25	35.5B	28.1	23.2	25.1	36.1	146	93.6	73.3	49.3	31.3	26.7B	26.8B	25
26	34.0	26.3	22.1	24.5	31.0	152	97.6	69.4	49.3	24.0	33.1B	28.6B	26
27	35.6	32.6	24.3	23.6	30.6	162	96.5	80.7	46.5	21.7B	34.7B	30.8B	27
28	34.2	29.6	23.4	22.9	29.4	176 A	108	90.6	50.2	29.2B	32.6B	26.4B	28
29	35.6	31.6	22.5	22.0	28.6	213 E	107	85.0	52.2	36.4B	33.2B	26.0B	29
30	37.6		21.6	21.0	43.6	234 E	109	75.1	54.7	40.3B	34.3B	26.0B	30
31	38.0		21.4		62.5		108	77.7		37.4B		26.0B	31
TOTAL	1 091.0	974.1	784.1	741.6	858.9	3 573.9	3 216.7	2 489.6	1 871.1	1 230.3	951.5	1 066.3	TOTAL
MEAN	35.2	33.6	25.3	24.7	27.7	119	104	80.3	62.4	39.7	31.7	34.4	MEAN
MAX	39.6	40.7	30.8	29.1	62.5	234	189	101	74.2	59.6	36.1	44.3	MAX
MIN	31.6	24.3	21.4	20.7	17.0	50.0	78.2	68.4	46.5	21.7	21.8	26.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.5
MAXIMUM DAILY, 234E ON JUN 30
MINIMUM DAILY, 17.0 ON MAY 8

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 05 N
LONG 115 21 51 W
DRAINAGE AREA, 2 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84 300	JUL	278 000
FEB	84 200	AUG	215 000
MAR	67 700	SEP	152 000
APR	64 100	OCT	106 000
MAY	74 200	NOV	82 200
JUN	309 000	DEC	92 100

TOTAL DISCHARGE, 1 630 000 dam³

BOW RIVER AT LAKE LOUISE - STATION NO. 05BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.74B	1.78B	1.21B	1.37E	2.02	17.8	46.8	34.3	14.8	5.60	3.27B	2.25B	1
2	1.66B	1.81B	1.21B	1.37E	2.05	15.4	35.7	33.0	13.0	6.37	3.60B	2.30B	2
3	1.67B	1.64B	1.21B	1.39E	2.01	13.7	28.6	33.5	11.5	8.24	4.10B	2.40B	3
4	1.67B	1.58B	1.21B	1.39E	1.80	12.5	26.1	32.8	10.7	6.28	4.00B	2.35B	4
5	1.67B	1.47B	1.17B	1.22	1.81	12.0	27.4	32.4	11.1	8.23	3.90B	2.30B	5
6	1.66B	1.39B	1.17B	1.05	1.89	12.7	31.1	34.2	12.9	5.84	3.70B	2.25B	6
7	1.70B	1.37B	1.17B	1.36	2.18	14.1	28.4	30.9	11.7	5.72	3.50B	2.25B	7
8	1.71B	1.37B	1.17B	1.09	2.43	16.8	24.0	28.2	10.6	6.25	3.50B	2.35B	8
9	1.71B	1.37B	1.22B	1.25	2.51	17.7	21.3	28.6	10.4	7.06	3.50B	2.30B	9
10	1.71B	1.37B	1.23B	1.11	2.36	16.5	21.1	30.8	9.83	6.82	3.50B	2.30B	10
11	1.71B	1.40B	1.23B	1.23	2.30	17.0	23.7	31.2	9.46	6.55	3.40B	2.27B	11
12	1.70B	1.40B	1.23B	1.42	2.35	20.0	26.3	30.6	10.6	6.35	3.30B	2.25B	12
13	1.70B	1.42B	1.23B	1.06	2.56	24.6	27.3	30.8	10.3	6.09	3.20B	2.23B	13
14	1.71B	1.50B	1.23B	1.18	3.24	29.8	27.2	26.0	9.87	5.73	3.10B	2.20B	14
15	1.72B	1.54B	1.12B	1.36	4.23	34.6	26.7	23.5	9.26	5.32	3.00B	2.18B	15
16	1.74B	1.50B	1.15B	1.64	5.72	36.7	27.6	22.5	8.83	5.05	3.00B	2.11B	16
17	1.78B	1.46B	1.21B	2.09	5.51	33.7	30.0	22.9	10.8	4.75	3.05B	2.08B	17
18	1.62B	1.40B	1.30B	2.30	5.38	28.2	31.7	23.6	15.8	4.41	2.95B	2.05B	18
19	1.46B	1.30B	1.35B	2.81	6.01	23.8	31.5	21.8	16.7	4.05	2.80B	2.00B	19
20	1.65B	1.22B	1.26B	3.15	7.31	21.0	29.6	18.8	15.9	3.84B	2.65B	2.00B	20
21	2.24B	1.27B	1.26E	3.48	8.48	20.2	26.1	17.5	15.4	3.52B	2.65B	2.00B	21
22	2.14B	1.30B	1.26E	3.76	8.06	20.4	22.1	17.3	13.7	3.09B	2.65B	2.00B	22
23	2.08B	1.26B	1.28E	3.46	8.06	23.5	20.9	17.6	11.9	2.78B	2.60B	2.05B	23
24	2.00B	1.27B	1.41E	3.37	8.69	27.8	21.3	17.5	10.8	2.59B	2.30B	2.00B	24
25	1.93B	1.23B	1.43B	2.79	8.69	28.3	22.8	17.7	9.85	2.44B	2.25B	2.05B	25
26	2.14B	1.23B	1.32E	2.48	8.36	30.9	26.2	18.3	8.98	2.28B	2.25B	2.00B	26
27	2.06B	1.23B	1.30B	2.40	8.33	34.9	31.2	33.0	8.05	2.30B	2.38B	1.85B	27
28	1.98B	1.16B	1.30B	2.24	8.65	38.9	33.4	26.7	7.58	2.00B	2.50B	1.80B	28
29	1.90B	1.17B	1.31B	2.11	8.46	55.1	33.7	21.0	7.22	2.80B	2.38B	1.85B	29
30	1.66B		1.32B	2.06	12.4	60.8	32.9	17.5	6.87	2.75B	2.30B	1.85B	30
31	1.70B		1.33B		20.9		35.0	15.3		2.90B		1.85B	31
TOTAL	55.54	40.45	38.86	59.05	152.05	760.3	877.9	788.5	334.18	148.92	91.12	65.90	TOTAL
MEAN	1.78	1.38	1.25	1.87	4.90	25.3	28.3	25.5	11.1	4.74	3.04	2.13	MEAN
MAX	2.24	1.81	1.43	3.76	20.9	60.8	46.8	34.3	16.7	7.06	4.10	2.40	MAX
MIN	1.46	1.17	1.12	1.06	1.80	12.0	20.9	15.3	6.87	2.26	2.25	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.32
MAXIMUM DAILY, 60.8 ON JUN 30
MINIMUM DAILY, 1.06 ON APR 13
MAXIMUM INSTANTANEOUS,
67.7 AT 23:45 MST ON JUN 28

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 42 N
LONG 116 11 15 W
DRAINAGE AREA, 421 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 800	JUL	75 900
FEB	3 480	AUG	68 200
MAR	3 360	SEP	26 900
APR	5 100	OCT	12 700
MAY	13 100	NOV	7 670
JUN	55 700	DEC	5 690

TOTAL DISCHARGE, 295 000 dam³

BOW RIVER BELOW BASSANO DAM - STATION NO. 05BM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	68.5	7.87	5.48	148	31.2	5.22	5.18	25.58	---	1
2	---	---	---	66.8	9.14	5.48	138	23.5	5.07	5.18	---	---	2
3	---	---	---	53.2	9.09	5.85	140	18.4	4.88	5.15	---	---	3
4	---	---	---	78.3	8.61	5.79	150	16.6	4.76	5.22	---	---	4
5	---	---	---	73.8	8.01	5.51	84.7	31.5	4.67	4.98	---	---	5
6	---	---	---	67.4	8.75	5.37	30.8	18.9	13.2	4.67	---	---	6
7	---	---	---	66.5	11.1	5.32	22.3	17.5	14.5	4.89	---	---	7
8	---	---	---	67.6	10.3	15.6	31.1	16.5	20.8	5.22	---	---	8
9	---	---	---	68.2	17.8	52.6	30.0	12.7	15.4	5.13	---	---	9
10	---	---	---	68.2	19.1	89.1	19.4	12.2	4.79	4.88	---	---	10
11	---	---	---	67.6	14.2	91.0	10.8	8.45	5.82	4.88	---	---	11
12	---	---	---	58.3	8.57	65.2	5.48	7.80	8.47	4.88	---	---	12
13	---	---	---	56.7	8.46	60.0	5.48	8.47	20.1	5.02	---	---	13
14	---	---	---	59.3	8.40	73.4	5.45	8.20	15.6	4.73	---	---	14
15	---	---	---	67.4	8.85	124	5.56	8.33	5.74	4.66	---	---	15
16	---	---	---	56.1	5.83	136	5.75	8.50	14.3	4.77	---	---	16
17	---	---	---	46.8	5.62	125	5.86	8.57	5.50	4.76	---	---	17
18	---	---	---	47.0	5.86	122	5.54	8.55	5.39	5.23	---	---	18
19	---	---	---	52.3	13.0	162	5.87	8.55	5.21	4.85	---	---	19
20	---	---	---	48.0	10.9	148	5.87	8.54	5.03	8.32	---	---	20
21	---	---	---	49.9	8.58	116	5.61	8.38	5.46	9.87	---	---	21
22	---	---	---	50.1	8.49	112	5.79	11.6	14.0	4.31	---	---	22
23	---	---	---	46.5	8.80	90.8	8.06	8.27	18.1	4.31	---	---	23
24	---	---	---	35.8	8.52	73.9	8.34	7.77	28.8	4.93	---	---	24
25	---	---	---	32.3	8.42	78.0	8.37	8.16	20.8	4.91	---	---	25
26	---	---	---	23.3	8.43	85.6	8.38	8.04	11.8	5.22	---	---	26
27	---	---	---	14.7	8.49	84.3	8.44	8.88	11.8	4.83	---	---	27
28	---	---	77.2A	11.0	8.44	137	8.50	8.77	8.87	4.88	---	---	28
29	---	---	72.0	9.40	8.44	108	8.55	8.81	8.88	8.058	---	---	29
30	---		68.2	7.02	8.19	120	17.4	8.83	8.21	8.258	---	---	30
31	---		68.7		8.77		25.9	8.28		103.8		---	31
TOTAL	---	---	---	1 520.82	269.94	2 308.30	948.86	338.46	312.05	257.44	---	---	TOTAL
MEAN	---	---	---	50.7	8.71	76.9	30.6	10.9	10.4	8.30	---	---	MEAN
MAX	---	---	---	78.3	19.1	162	150	31.5	28.8	103	---	---	MAX
MIN	---	---	---	7.02	8.62	8.32	8.49	8.28	4.67	4.31	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.1
MAXIMUM DAILY, 162 ON JUN 19
MINIMUM DAILY, 4.31 ON OCT 22
MAXIMUM INSTANTANEOUS,
303 AT 14:27 MST ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 112 32 20 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82 100
FEB	---	AUG	28 200
MAR	---	SEP	27 000
APR	131 000	OCT	22 200
MAY	23 300	NOV	---
JUN	188 000	DEC	---

TOTAL DISCHARGE, 383 000 dam³

BOW RIVER BELOW BEARSPAW DAM - STATION NO. 05BM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.0	58.9	43.6	36.5	55.3	83.9	200	100	85.8	85.6	36.2	51.8	1
2	55.5	57.8	43.6	38.4	53.3	73.8	225	101	85.8	87.3	36.2	42.5	2
3	57.2	53.8	38.8	40.5	56.6	68.8	203	100	84.3	84.6	34.8	51.3	3
4	58.0	47.8	38.2	38.9	61.1	87.8	151	100	82.6	83.6	34.5	48.4	4
5	58.6	46.2	36.2	38.2	59.7	74.1	124	100	81.4	82.8	36.2	47.0	5
6	58.3	50.7	40.2	37.4	60.1	94.1	129	100	77.3	81.5	46.4	45.9	6
7	58.6	53.8	40.6	37.1	60.9	95.9	138	99.9	77.2	80.5	48.4	47.0	7
8	47.3	54.4	40.8	35.7	62.2	96.3	125	97.8	77.4	81.3	45.6	40.2	8
9	50.7	54.7	40.8	35.4	58.8	92.2	113	94.8	77.7	80.8	44.2	37.1	9
10	54.7	52.7	41.1	41.9	55.3	92.6	111	91.2	77.5	80.6	37.9	41.1	10
11	51.2	52.4	41.6	47.3	51.3	89.5	101	85.5	76.4	58.1	35.1	45.3	11
12	52.6	49.8	40.2	46.9	50.2	94.8	107	85.8	75.0	58.6	39.6	48.4	12
13	58.3	54.9	37.9	42.5	48.3	122	109	85.5	76.7	57.8	43.6	41.9	13
14	53.2	56.4	37.9	38.6	50.2	152	106	85.1	78.5	58.5	44.7	41.8	14
15	48.7	50.1	37.7	38.8	50.4	151	106	85.5	79.3	57.4	47.9	39.6	15
16	47.6	53.5	39.1	38.8	50.5	147	104	85.9	78.7	56.3	48.2	37.4	16
17	47.8	53.2	37.4	39.6	48.6	173	102	90.3	74.5	48.4	47.0	38.4	17
18	45.9	46.2	36.2	41.6	48.3	195	105	94.1	71.4	48.9	39.1	38.9	18
19	42.5	46.2	38.4	42.7	51.6	182	103	95.8	71.7	48.6	44.2	38.4	19
20	40.8	48.4	40.6	51.8	52.3	157	101	93.5	72.1	48.8	53.8	40.2	20
21	42.5	46.4	41.1	54.1	53.0	146	107	92.4	72.6	48.3	53.0	41.1	21
22	43.8	46.9	41.9	49.2	53.6	115	112	92.9	72.5	49.1	49.3	38.1	22
23	43.9	50.4	39.1	51.5	53.5	117	112	85.7	72.7	46.9	46.7	36.8	23
24	48.2	53.2	37.7	56.4	54.8	126	116	89.4	71.4	45.1	47.0	38.1	24
25	44.5	44.3	36.0	47.8	52.8	134	112	85.5	68.1	43.2	44.7	37.7	25
26	44.2	37.9	38.9	43.7	52.0	157	112	85.1	86.8	37.8	51.3	35.1	26
27	48.4	40.5	40.5	42.8	52.1	173	112	83.6	88.5	31.2	50.1	38.5	27
28	50.7	43.0	36.8	46.4	50.9	186	111	85.4	86.0	34.0	44.5	37.8	28
29	51.8	43.0	35.4	57.9	48.7	192	112	86.3	85.4	36.2	52.7	34.5	29
30	58.0		36.1	62.8	49.8	200	112	86.8	85.7	39.1	51.3	34.3	30
31	58.3		36.1		62.5		108	85.5		42.5		39.9	31
TOTAL	1 588.7	1 444.5	1 210.8	1 322.2	1 671.8	3 829.8	3 781	2 855.5	2 248.9	1 626.8	1 338.2	1 279.4	TOTAL
MEAN	51.2	49.8	39.1	44.1	53.9	128	122	92.1	75.0	52.4	44.5	41.3	MEAN
MAX	62.6	58.9	43.6	62.8	62.5	200	225	101	85.8	87.3	53.8	51.8	MAX
MIN	40.8	37.9	36.1	36.4	48.3	87.8	101	83.6	68.1	31.2	34.5	34.3	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.1
MAXIMUM DAILY, 225 ON JUL 2
MINIMUM DAILY, 31.2 ON OCT 27

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 58 N
LONG 114 13 31 W
DRAINAGE AREA, 7 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137 000	JUL	328 000
FEB	125 000	AUG	247 000
MAR	105 000	SEP	194 000
APR	114 000	OCT	140 000
MAY	144 000	NOV	115 000
JUN	331 000	DEC	111 000

TOTAL DISCHARGE, 2 080 000 dam³

BOW RIVER BELOW CARSELAND DAM - STATION NO. 05BM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	44.2	40.8	85.2	191	73.6	52.0	44.3	---	---	1
2	---	---	---	47.5	36.4	83.5	189	84.8	54.4	48.2	---	---	2
3	---	---	---	53.7	38.2	82.5	210	70.1	49.9	51.1	---	---	3
4	---	---	---	55.8	36.6	88.1	158	84.0	50.1	48.6	---	---	4
5	---	---	---	57.1	40.2	82.7	108	71.3	53.2	44.8	---	---	5
6	---	---	---	53.8	44.8	74.2	88.4	71.9	59.2	44.5	---	---	6
7	---	---	---	52.8	41.2	89.0	103	72.1	53.0	41.3	---	---	7
8	---	---	---	51.8	42.7	124	101	70.8	59.6	39.7	---	---	8
9	---	---	---	49.0	38.6	143	84.8	63.9	45.9	40.7	---	---	9
10	---	---	---	49.8	33.1	139	74.9	62.2	54.2	45.7	---	---	10
11	---	---	---	54.5	30.3	126	88.1	54.8	46.7	49.0	---	---	11
12	---	---	---	66.8	26.7	119	63.6	55.4	76.6	48.8	---	---	12
13	---	---	---	67.4	27.8	129	66.3	56.8	56.2	48.7	---	---	13
14	---	---	---	59.0	26.3	159	70.7	54.1	55.5	46.6	---	---	14
15	---	---	---	57.4	30.1	172	87.3	56.3	49.1	47.8	---	---	15
16	---	---	---	56.4	47.2	165	66.7	55.7	49.2	48.4	---	---	16
17	---	---	---	58.3	59.6	164	63.1	54.3	47.3	41.9	---	---	17
18	---	---	---	62.3	41.1	204	65.5	80.8	41.7	37.7	---	---	18
19	---	---	---	60.6	35.6	199	66.6	84.3	39.2	37.4	---	---	19
20	---	---	---	67.8	34.7	165	69.5	88.3	42.0	37.4	---	---	20
21	---	---	---	65.9	38.3	148	87.0	62.1	68.6	38.6	---	---	21
22	---	---	---	67.5	35.2	138	88.3	81.9	66.2	37.4	---	---	22
23	---	---	---	60.6	43.7	126	85.4	65.7	66.3	36.8	---	---	23
24	---	---	---	62.9	53.3	126	80.6	49.9	59.1	37.3	---	---	24
25	---	---	---	50.2	86.1	140	80.5	56.5	54.0	32.2	---	---	25
26	---	---	54.4A	33.2	50.7	140	78.6	51.6	43.2	38.8	---	---	26
27	---	---	55.9	33.6	60.1	161	81.0	51.5	38.3	42.0	---	---	27
28	---	---	53.7	28.3	50.0	159	82.0	57.6	42.4	37.0	---	---	28
29	---	---	48.9	27.2	47.7	171	84.5	58.0	38.5	37.1	---	---	29
30	---		48.1	41.0	51.0	193	85.0	56.3	38.3	45.0B	---	---	30
31	---		44.8		78.0		87.0	56.0		34.6B		---	31
TOTAL	---	---	---	1 606.5	1 316.1	4 085.3	2 898.7	1 902.6	1 593.9	1 307.8	---	---	TOTAL
MEAN	---	---	---	53.6	42.5	136	93.4	61.4	53.1	42.2	---	---	MEAN
MAX	---	---	---	88.6	78.0	204	210	84.0	83.0	51.1	---	---	MAX
MIN	---	---	---	27.2	26.3	85.1	63.1	49.9	38.5	32.2	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.1
MAXIMUM DAILY, 210 ON JUL 3
MINIMUM DAILY, 26.3 ON MAY 14
MAXIMUM INSTANTANEOUS,
242 AT 09:37 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 50 N
LONG 113 25 00 W
DRAINAGE AREA, 15 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1908

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	250 000
FEB	---	AUG	164 000
MAR	---	SEP	138 000
APR	139 000	OCT	113 000
MAY	114 000	NOV	---
JUN	351 000	DEC	---

TOTAL DISCHARGE, 1 130 000 dam³

BOW RIVER BELOW GHOST DAM - STATION NO. 05BE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	51.9	83.3	213	105	88.4	70.5	---	---	1
2	---	---	---	---	50.5	74.8	222	102	87.5	68.8	---	---	2
3	---	---	---	---	53.1	70.7	203	105	87.1	65.0	---	---	3
4	---	---	---	---	60.6	88.3	145	109	84.5	62.1	---	---	4
5	---	---	---	---	60.5	84.4	124	102	80.5	65.7	---	---	5
6	---	---	---	---	57.3	92.4	131	88.8	78.9	67.6	---	---	6
7	---	---	---	---	60.8	91.6	134	92.4	78.8	59.8	---	---	7
8	---	---	---	---	58.7	88.2	135	96.5	77.9	59.0	---	---	8
9	---	---	---	---	54.6	86.9	114	96.5	76.6	67.0	---	---	9
10	---	---	---	---	54.9	84.3	108	89.9	76.6	66.0	---	---	10
11	---	---	---	---	49.0	85.3	101	81.2	74.5	65.3	---	---	11
12	---	---	---	---	51.6	90.8	114	89.4	76.2	63.9	---	---	12
13	---	---	---	---	47.3	128	108	93.2	78.3	56.1	---	---	13
14	---	---	---	---	50.3	135	107	90.0	74.7	57.5	---	---	14
15	---	---	---	---	51.2	130	112	84.6	78.9	54.9	---	---	15
16	---	---	---	---	51.9	155	111	93.3	76.2	54.0	---	---	16
17	---	---	---	---	53.4	182	103	90.8	74.1	53.4	---	---	17
18	---	---	---	---	53.5	188	106	91.8	77.7	48.0	---	---	18
19	---	---	---	---	48.4	173	107	92.3	73.2	48.2	---	---	19
20	---	---	---	---	53.9	153	103	102	76.3	52.4	---	---	20
21	---	---	---	---	54.3	124	110	97.9	76.4	51.8	---	---	21
22	---	---	---	---	53.8	112	119	96.2	78.9	49.7	---	---	22
23	---	---	---	---	54.0	115	112	90.7	72.6	51.3	---	---	23
24	---	---	---	---	54.0	128	113	88.0	71.3	48.2	---	---	24
25	---	---	---	---	53.7	141	114	90.8	65.6	48.2	---	---	25
26	---	---	---	---	54.7	160	114	85.6	65.4	38.3	---	---	26
27	---	---	---	---	58.1	159	113	86.1	66.7	35.3	---	---	27
28	---	---	---	---	54.6	178	113	86.7	68.2	32.0	---	---	28
29	---	---	---	---	54.3	186	111	83.8	69.2	40.0	---	---	29
30	---		---	57.0	51.9	198	111	86.7	66.9	42.0	---	---	30
31	---		---		52.0		107	88.6		39.0		---	31
TOTAL	---	---	---	---	1 686.8	3 756.0	3 636	2 908.8	2 280.3	1 672.9	---	---	TOTAL
MEAN	---	---	---	---	54.5	125	124	93.8	76.0	54.0	---	---	MEAN
MAX	---	---	---	---	82.0	198	232	109	88.4	70.5	---	---	MAX
MIN	---	---	---	---	47.3	88.3	101	83.8	65.4	32.0	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 222 ON JUL 2

MAXIMUM INSTANTANEOUS,
236 AT 16:35 MST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 50 N
LONG 114 36 40 W
DRAINAGE AREA, 6 550 km²

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	332 000
FEB	---	AUG	251 000
MAR	---	SEP	197 000
APR	---	OCT	145 000
MAY	145 000	NOV	---
JUN	325 000	DEC	---

BOW RIVER DEVELOPMENT DRAIN A NEAR HAYS - STATION NO. 05AG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.173	0.047	0.884	0.085	0.121	---	---	1
2	---	---	---	---	0	0.196	0.042	0.713	0.088	0.091	---	---	2
3	---	---	---	---	0	0.326	0.132	0.687	0.090	0.081	---	---	3
4	---	---	---	---	0	0.372	0.173	0.808	0.092	0.130	---	---	4
5	---	---	---	---	0	0.482	0.180	0.618	0.085	0.138	---	---	5
6	---	---	---	---	0	0.417	0.309	0.376	0.025	0.187	---	---	6
7	---	---	---	---	0	0.305	0.384	0.283	0.042	0.053	---	---	7
8	---	---	---	---	0.002	0.401	0.388	0.187	0.028	0.038	---	---	8
9	---	---	---	---	0.001	0.481	0.408	0.177	0.024	0.033	---	---	9
10	---	---	---	---	0	0.450	0.313	0.204	0.021	0.031	---	---	10
11	---	---	---	---	0.001	0.488	0.272	0.207	0.020	0.032	---	---	11
12	---	---	---	---	0.001	0.438	0.287	0.170	0.020	0.020	---	---	12
13	---	---	---	---	0	0.276	0.285	0.181	0.029	0.011	---	---	13
14	---	---	---	---	0	0.212	0.243	0.157	0.082	0.008	---	---	14
15	---	---	---	---	0	0.253	0.320	0.090	0.077	0.007	---	---	15
16	---	---	---	---	0	0.358	0.481	0.058	0.085	0.008	---	---	16
17	---	---	---	---	0.129	0.487	0.262	0.055	0.085	0.023	---	---	17
18	---	---	---	0.006A	0.168	0.414	0.286	0.033	0.077	0.013	---	---	18
19	---	---	---	0.005	0.175	0.334	0.302	0.045	0.087	0	---	---	19
20	---	---	---	0.004	0.194	0.436	0.312	0.045	0.106	0.0208	---	---	20
21	---	---	---	0.003	0.258	0.682	0.283	0.037	0.093	0.0068	---	---	21
22	---	---	---	0.002	0.287	1.45	0.582	0.032	0.087	0 B	---	---	22
23	---	---	---	0.001	0.278	0.416	0.584	0.056	0.082	0 B	---	---	23
24	---	---	---	0.001	0.313	0.328	0.532	0.036	0.087	0 B	---	---	24
25	---	---	---	0.003	0.280	0.181	0.456	0.045	0.078	0 B	---	---	25
26	---	---	---	0.002	0.242	0.102	0.341	0.053	0.084	0 B	---	---	26
27	---	---	---	0.001	0.208	0.090	0.512	0.062	0.084	0 B	---	---	27
28	---	---	---	0.001	0.185	0.081	0.578	0.068	0.087	0 B	---	---	28
29	---	---	---	0	0.158	0.068	0.464	0.108	0.114	0 B	---	---	29
30	---		---	0	0.209	0.058	0.491	0.068	0.126	0 B	---	---	30
31	---		---		0.139		0.642	0.071		0 B		---	31
TOTAL	---	---	---	---	3.176	10.783	11.073	8.180	2.059	1.040	---	---	TOTAL
MEAN	---	---	---	---	0.102	0.359	0.357	0.198	0.069	0.034	---	---	MEAN
MAX	---	---	---	---	0.313	1.45	0.642	0.713	0.126	0.187	---	---	MAX
MIN	---	---	---	---	0	0.058	0.042	0.032	0.020	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 1.45 ON JUN 22
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 05 N
LONG 111 43 57 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	957
FEB	---	AUG	534
MAR	---	SEP	178
APR	---	OCT	89.8
MAY	274	NOV	---
JUN	932	DEC	---

TOTAL DISCHARGE, 2 960 dam³

BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL - STATION NO 05BN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	1.18	0.950	1.84	0.952	0.433	---	---	1
2	---	---	---	---	0	0.973	0.980	1.42	0.756	0.330	---	---	2
3	---	---	---	---	0	1.02	0.908	1.24	0.773	0.359	---	---	3
4	---	---	---	---	0	1.07	0.843	1.22	0.636	0.424	---	---	4
5	---	---	---	---	0	1.16	1.02	1.32	0.553	0.386	---	---	5
6	---	---	---	---	0	1.10	1.01	1.25	0.485	0.343	---	---	6
7	---	---	---	---	0	0.813	1.04	0.823	0.838	0.428	---	---	7
8	---	---	---	---	0	1.48	1.15	0.848	0.435	0.345	---	---	8
9	---	---	---	---	0	1.47	1.20	0.952	0.397	0.167	---	---	9
10	---	---	---	---	0	1.38	1.08	1.11	0.401	0.039	---	---	10
11	---	---	---	---	0	1.27	1.14	1.08	0.372	0	---	---	11
12	---	---	---	---	0	1.13	1.18	1.07	0.400	0	---	---	12
13	---	---	---	---	0.008	0.987	1.12	1.31	0.358	0.017	---	---	13
14	---	---	---	---	0.084	0.650	1.08	0.888	0.365	0.024	---	---	14
15	---	---	---	---	0.231	1.05	1.42	0.656	0.309	0.013	---	---	15
16	---	---	---	---	0.285	0.988	1.28	0.732	0.313	0	---	---	16
17	---	---	---	---	0.582	0.845	0.828	0.832	0.280	0	---	---	17
18	---	---	---	0A	0.612	1.04	0.795	0.886	0.298	0	---	---	18
19	---	---	---	0	0.828	0.918	0.878	0.867	0.498	0.001	---	---	19
20	---	---	---	0	0.645	0.903	0.813	0.837	0.585	0.002	---	---	20
21	---	---	---	0	0.858	1.19	0.916	0.885	0.503	0.002	---	---	21
22	---	---	---	0	0.815	2.30	1.35	0.835	0.414	0.0028	---	---	22
23	---	---	---	0	1.00	1.53	1.28	0.771	0.342	0.0028	---	---	23
24	---	---	---	0	1.07	0.888	1.28	0.585	0.322	0.0028	---	---	24
25	---	---	---	0	1.15	0.870	1.25	0.745	0.336	0.0028	---	---	25
26	---	---	---	0	1.11	0.808	1.11	0.741	0.276	0.0028	---	---	26
27	---	---	---	0	1.08	0.808	1.14	0.785	0.343	0.0028	---	---	27
28	---	---	---	0	1.05	0.848	1.27	0.732	0.447	0.0028	---	---	28
29	---	---	---	0	1.03	0.849	1.83	0.751	0.407	0.0028	---	---	29
30	---		---	0	1.03	0.881	2.03	0.815	0.458	0.0028	---	---	30
31	---		---		1.05		1.88	0.857		0.0028		---	31
TOTAL	---	---	---	---	14.319	32.448	35.740	28.386	13.648	3.343	---	---	TOTAL
MEAN	---	---	---	---	0.462	1.08	1.15	0.948	0.452	0.108	---	---	MEAN
MAX	---	---	---	---	1.15	2.30	2.03	1.84	0.952	0.433	---	---	MAX
MIN	---	---	---	---	0	0.848	0.813	0.585	0.276	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.700
MAXIMUM DAILY, 2.30 ON JUN 22
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 40 N
LONG 112 02 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 090
FEB	---	AUG	2 540
MAR	---	SEP	1 170
APR	---	OCT	288
MAY	1 240	NOV	---
JUN	2 800	DEC	---

TOTAL DISCHARGE, 11 100 dam³

BOW RIVER DEVELOPMENT DRAIN E NEAR VAUXHALL - STATION NO. 05BN023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.001	0.254	0.128	0.321	0.288	0.073	---	---	1
2	---	---	---	---	0.001	0.242	0.115	0.243	0.204	0.051	---	---	2
3	---	---	---	---	0.001	0.291	0.113	0.220	0.185	0.052	---	---	3
4	---	---	---	---	0.001	0.218	0.115	0.189	0.160	0.043	---	---	4
5	---	---	---	---	0.001	0.244	0.157	0.220	0.125	0.050	---	---	5
6	---	---	---	---	0.001	0.188	0.171	0.204	0.183	0.034	---	---	6
7	---	---	---	---	0.001	0.184	0.158	0.142	0.195	0.019	---	---	7
8	---	---	---	---	0.001	0.181	0.158	0.130	0.127	0.017	---	---	8
9	---	---	---	---	0.001	0.117	0.153	0.160	0.120	0.008	---	---	9
10	---	---	---	---	0.001	0.166	0.162	0.145	0.153	0.001	---	---	10
11	---	---	---	---	0.077	0.331	0.108	0.128	0.089	0.001	---	---	11
12	---	---	---	---	0.143	0.148	0.172	0.133	0.058	0	---	---	12
13	---	---	---	---	0.095	0.208	0.238	0.181	0.030	0	---	---	13
14	---	---	---	---	0.177	0.222	0.204	0.088	0.026	0	---	---	14
15	---	---	---	---	0.183	0.158	0.290	0.140	0.022	0	---	---	15
16	---	---	---	---	0.304	0.200	0.278	0.161	0.088	0	---	---	16
17	---	---	---	---	0.224	0.187	0.137	0.170	0.080	0	---	---	17
18	---	---	---	0.001A	0.148	0.157	0.126	0.184	0.057	0	---	---	18
19	---	---	---	0.001	0.152	0.223	0.171	0.171	0.057	0	---	---	19
20	---	---	---	0.001	0.217	0.273	0.089	0.188	0.045	0	---	---	20
21	---	---	---	0.001	0.205	0.213	0.088	0.107	0.103	0	---	---	21
22	---	---	---	0.001	0.127	0.688	0.123	0.212	0.113	0 B	---	---	22
23	---	---	---	0.001	0.135	0.378	0.181	0.188	0.109	0 B	---	---	23
24	---	---	---	0.001	0.178	0.284	0.130	0.135	0.078	0 B	---	---	24
25	---	---	---	0.001	0.288	0.278	0.194	0.180	0.061	0 B	---	---	25
26	---	---	---	0.001	0.380	0.258	0.175	0.150	0.045	0 B	---	---	26
27	---	---	---	0.001	0.335	0.197	0.181	0.140	0.076	0 B	---	---	27
28	---	---	---	0.001	0.344	0.181	0.159	0.209	0.094	0 B	---	---	28
29	---	---	---	0.001	0.159	0.184	0.208	0.074	0.051	0.0018	---	---	29
30	---		---	0.001	0.213	0.172	0.479	0.130	0.070	0 B	---	---	30
31	---		---		0.288		0.403	0.140		0 B		---	31
TOTAL	---	---	---	---	4.342	6.843	5.972	5.193	3.039	0.350	---	---	TOTAL
MEAN	---	---	---	---	0.140	0.228	0.180	0.168	0.101	0.011	---	---	MEAN
MAX	---	---	---	---	0.380	0.688	0.479	0.321	0.288	0.073	---	---	MAX
MIN	---	---	---	---	0.001	0.117	0.088	0.074	0.022	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.138
MAXIMUM DAILY, 0.868 ON JUN 22
MINIMUM DAILY, 0 ON OCT 12

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 43 N
LONG 112 05 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	481
FEB	---	AUG	449
MAR	---	SEP	263
APR	---	OCT	30.2
MAY	375	NOV	---
JUN	591	DEC	---

TOTAL DISCHARGE, 2 190 dam³

BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL - STATION NO. 05BN009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.045	0.784	0.874	2.08	0.572	0.382	---	---	1
2	---	---	---	---	0.044	0.698	1.26	2.49	1.04	0.384	---	---	2
3	---	---	---	---	0.047	0.462	1.72	2.51	1.08	0.383	---	---	3
4	---	---	---	---	0.053	0.498	1.76	2.39	0.727	0.336	---	---	4
5	---	---	---	---	0.053	1.20	1.30	2.12	0.420	0.238	---	---	5
6	---	---	---	---	0.053	1.52	0.988	1.99	0.247	0.248	---	---	6
7	---	---	---	---	0.051	1.76	1.04	1.66	0.767	0.230	---	---	7
8	---	---	---	---	0.048	1.91	1.18	1.99	0.601	0.223	---	---	8
9	---	---	---	---	0.047	2.25	1.19	2.08	0.385	0.248	---	---	9
10	---	---	---	---	0.044	2.82	1.22	1.68	0.380	0.256	---	---	10
11	---	---	---	---	0.044	3.01	1.24	1.32	0.358	0.280	---	---	11
12	---	---	---	---	0.044	2.87	1.20	1.08	0.361	0.320	---	---	12
13	---	---	---	---	0.042	2.24	1.08	1.02	0.329	0.207	---	---	13
14	---	---	---	---	0.045	1.83	0.988	1.21	0.328	0.273	---	---	14
15	---	---	---	---	0.044	1.33	0.851	1.23	0.385	0.254	---	---	15
16	---	---	---	0.039A	0.039	1.17	0.754	1.15	0.648	0.280	---	---	16
17	---	---	---	0.043	0.033	1.43	0.695	1.02	0.926	0.323	---	---	17
18	---	---	---	0.050	0.033	1.73	0.890	1.18	0.881	0.147	---	---	18
19	---	---	---	0.058	0.028	1.92	0.715	1.23	0.788	0.185	---	---	19
20	---	---	---	0.053	0.029	1.83	0.782	1.12	0.630	0.226	---	---	20
21	---	---	---	0.046	0.031	1.37	1.11	1.10	0.545	0.194	---	---	21
22	---	---	---	0.042	0.032	1.50	1.23	1.14	0.621	0.178	---	---	22
23	---	---	---	0.045	0.032	1.71	1.23	1.14	0.606	0.184	---	---	23
24	---	---	---	0.050	0.040	2.19	1.45	0.994	0.370	0.184	---	---	24
25	---	---	---	0.051	0.042	2.57	1.79	0.802	0.388	0.154	---	---	25
26	---	---	---	0.048	0.042	2.48	1.79	0.527	0.398	0.1388	---	---	26
27	---	---	---	0.048	0.044	1.82	1.25	0.322	0.536	0.1218	---	---	27
28	---	---	---	0.048	0.263	1.58	0.881	0.291	0.719	0.1048	---	---	28
29	---	---	---	0.048	0.680	1.36	0.822	0.262	0.630	0.0878	---	---	29
30	---		---	0.048	0.818	0.784	1.28	0.257	0.448	0.0708	---	---	30
31	---		---		0.838		1.64	0.300		0.0708		---	31
TOTAL	---	---	---	---	3.817	50.408	38.030	38.635	18.921	6.845	---	---	TOTAL
MEAN	---	---	---	---	0.123	1.68	1.18	1.29	0.584	0.221	---	---	MEAN
MAX	---	---	---	---	0.818	3.01	1.79	2.51	1.08	0.384	---	---	MAX
MIN	---	---	---	---	0.029	0.462	0.695	0.262	0.247	0.070	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.636
MAXIMUM DAILY, 3.01 ON JUN 11
MINIMUM DAILY, 0.028 ON MAY 19

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 25 N
LONG 112 10 52 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 110
FEB	---	AUG	3 440
MAR	---	SEP	1 480
APR	---	OCT	581
MAY	330	NOV	---
JUN	4 380	DEC	---

TOTAL DISCHARGE, 13 300 dam³

BOW RIVER DEVELOPMENT DRAIN 1 NEAR HAYS - STATION NO. 05AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.348	0.782	1.08	0.364	0.447	---	---	1
2	---	---	---	---	0	0.484	0.708	0.944	0.358	0.585	---	---	2
3	---	---	---	---	0	0.489	0.581	0.884	0.276	0.595	---	---	3
4	---	---	---	---	0	0.447	0.804	0.707	0.288	0.650	---	---	4
5	---	---	---	---	0	0.349	0.841	0.833	0.380	0.655	---	---	5
6	---	---	---	---	0	0.353	0.832	0.851	0.268	0.508	---	---	6
7	---	---	---	---	0	0.510	0.746	0.588	0.274	0.147	---	---	7
8	---	---	---	---	0	0.511	0.884	0.482	0.268	0.051	---	---	8
9	---	---	---	---	0	0.535	1.01	0.658	0.128	0.075	---	---	9
10	---	---	---	---	0	0.803	0.922	0.638	0.119	0.045	---	---	10
11	---	---	---	---	0	1.04	0.795	0.785	0.180	0.043	---	---	11
12	---	---	---	---	0	0.984	0.525	0.650	0.178	0.098	---	---	12
13	---	---	---	---	0	0.980	0.853	0.597	0.161	0.058	---	---	13
14	---	---	---	---	0	0.722	0.814	0.424	0.133	0.041	---	---	14
15	---	---	---	---	0	0.605	0.548	0.351	0.102	0.041	---	---	15
16	---	---	---	---	0	0.510	0.781	0.302	0.072	0.048	---	---	16
17	---	---	---	---	0	0.362	0.744	0.218	0.083	0.038	---	---	17
18	---	---	---	0A	0	0.534	0.857	0.284	0.072	0.041	---	---	18
19	---	---	---	0	0	0.405	0.695	0.400	0.077	0.018	---	---	19
20	---	---	---	0	0	0.467	0.783	0.352	0.081	0.018	---	---	20
21	---	---	---	0	0	0.637	0.792	0.320	0.245	0.044	---	---	21
22	---	---	---	0	0	1.24	0.915	0.267	0.284	0.083	---	---	22
23	---	---	---	0	0.229	1.46	0.861	0.298	0.348	0.032	---	---	23
24	---	---	---	0	0.205	0.843	0.935	0.397	0.367	0.0208	---	---	24
25	---	---	---	0	0.107	0.882	0.807	0.378	0.335	0.0158	---	---	25
26	---	---	---	0	0.171	0.781	0.779	0.415	0.321	0.0108	---	---	26
27	---	---	---	0	0.148	0.880	0.814	0.402	0.289	0.0084	---	---	27
28	---	---	---	0	0.212	0.880	0.817	0.378	0.233	0.0068	---	---	28
29	---	---	---	0	0.114	0.804	0.883	0.532	0.370	0.0048	---	---	29
30	---		---	0	0.111	0.838	1.25	0.414	0.394	0.0028	---	---	30
31	---		---		0.152		1.30	0.314		0.0018		---	31
TOTAL	---	---	---	---	1.466	20.980	26.095	15.927	7.036	4.387	---	---	TOTAL
MEAN	---	---	---	---	0.047	0.699	0.842	0.514	0.234	0.142	---	---	MEAN
MAX	---	---	---	---	0.229	1.46	1.30	1.09	0.394	0.650	---	---	MAX
MIN	---	---	---	---	0	0.353	0.525	0.218	0.081	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.412
MAXIMUM DAILY, 1.46 ON JUN 23
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 00 N
LONG 111 43 40 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 250
FEB	---	AUG	1 380
MAR	---	SEP	607
APR	---	OCT	379
MAY	125	NOV	---
JUN	1 810	DEC	---

TOTAL DISCHARGE, 6 550 dam³

BOW RIVER DEVELOPMENT MAIN CANAL - STATION NO 05AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	14.2	22.2	28.0	27.8	28.9	32.8	3.74	---	1
2	---	---	---	0	17.2	26.6	29.5	26.8	26.2	32.4	0.759	---	2
3	---	---	---	0	14.5	25.6	24.1	23.7	29.2	29.6	0.069	---	3
4	---	---	---	0	16.0	26.6	33.6	29.8	29.5	25.7	0	---	4
5	---	---	---	0	22.2	29.5	32.5	28.1	27.8	29.2	0	---	5
6	---	---	---	0	23.0	32.5	32.5	29.3	27.6	29.7	0	---	6
7	---	---	---	0	22.9	33.8	33.4	28.5	17.7	29.5	0	---	7
8	---	---	---	0	22.8	30.6	33.2	29.9	20.8	29.7	0	---	8
9	---	---	---	0	23.0	30.6	32.4	28.4	28.1	29.8	0	---	9
10	---	---	---	0	25.2	33.9	32.2	30.0	28.7	28.6	0	---	10
11	---	---	---	0	28.1	31.6	32.0	29.8	30.0	25.2	0	---	11
12	---	---	---	0	30.4	25.1	31.4	29.7	31.1	23.8	0	---	12
13	---	---	---	0	30.7	28.4	31.6	29.7	31.2	21.8	0	---	13
14	---	---	---	0	30.8	25.3	31.6	29.7	30.8	21.7	0	---	14
15	---	---	---	0	27.1	25.6	31.3	29.7	31.4	22.5	0	---	15
16	---	---	---	0	23.6	25.2	31.0	29.3	31.5	20.7	0	---	16
17	---	---	---	0	24.3	24.1	30.7	30.0	31.5	19.5	0	---	17
18	---	---	---	0	28.8	22.2	28.2	29.5	31.5	20.0	0	---	18
19	---	---	---	2.20	28.6	24.5	26.6	27.6	31.9	19.5	0	---	19
20	---	---	---	2.58	28.5	24.4	23.9	27.9	31.9	19.5	0	---	20
21	---	---	---	5.84	28.5	24.9	20.4	26.1	30.0	19.5	0	---	21
22	---	---	---	9.48	28.4	25.9	19.4	25.0	28.4	19.8	0	---	22
23	---	---	---	9.44	23.7	25.6	16.9	25.7	14.7	19.3	0	---	23
24	---	---	---	9.83	19.1	24.5	22.5	25.2	26.5	18.5	0	---	24
25	---	---	---	14.4	15.2	24.1	23.3	25.9	30.7	16.9	0	---	25
26	---	---	---	18.7	14.1	25.6	23.2	25.9	29.3	17.6	0	---	26
27	---	---	0	18.6	14.0	26.3	23.2	25.7	31.6	10.5	0	---	27
28	---	---	0	14.0	13.9	26.3	23.1	25.6	32.3	10.1	0	---	28
29	---	---	0	13.9	13.6	25.5	23.5	25.7	32.0	8.60	0	---	29
30	---		0	14.0	13.7	26.0	24.2	26.6	32.6	7.30	0	---	30
31	---		0		14.2		27.1	26.1		8.78		---	31
TOTAL	---	---	---	130.96	632.7	1 006.0	883.3	905.2	871.4	672.88	4.568	---	TOTAL
MEAN	---	---	---	4.37	22.0	33.5	28.5	29.2	29.0	21.7	0.152	---	MEAN
MAX	---	---	---	18.7	30.7	26.6	26.0	30.0	32.6	32.8	3.74	---	MAX
MIN	---	---	---	0	13.7	22.2	16.9	27.6	17.7	8.78	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.1
MAXIMUM DAILY, 36.6 ON JUN 8
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 48 N
LONG 113 01 17 W

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	75 300
FEB	---	AUG	78 200
MAR	---	SEP	75 300
APR	11 300	OCT	66 100
MAY	59 000	NOV	398
JUN	88 900	DEC	---

TOTAL DISCHARGE, 445 000 dam³

BOW RIVER DEVELOPMENT MAIN CANAL AT DROP NO. 3 - STATION NO. 05AC902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	34.5	30.0	33.8	12.3	8.24	---	---	1
2	---	---	---	---	0	38.1	31.7	32.2	12.2	9.09	---	---	2
3	---	---	---	---	0	38.6	38.1	27.5	11.8	8.88	---	---	3
4	---	---	---	---	0	38.5	38.1	24.3	10.2	8.77	---	---	4
5	---	---	---	---	0	39.2	38.4	24.1	9.27	8.78	---	---	5
6	---	---	---	---	0	38.5	41.6	22.9	8.26	0	---	---	6
7	---	---	---	---	0	35.9	44.8	20.6	8.31	0	---	---	7
8	---	---	---	---	0	35.1	45.9	19.7	8.57	0	---	---	8
9	---	---	---	---	0	35.5	46.0	19.6	8.23	0	---	---	9
10	---	---	---	---	0	35.4	47.3	20.1	8.01	0	---	---	10
11	---	---	---	---	0	34.4	48.7	20.2	8.08	0	---	---	11
12	---	---	---	---	0	32.2	49.0	20.3	8.86	0	---	---	12
13	---	---	---	---	0	30.0	48.8	19.1	8.14	0	---	---	13
14	---	---	---	---	0	28.3	48.7	17.2	8.39	0	---	---	14
15	---	---	---	---	0	30.9	48.2	17.0	8.88	0	---	---	15
16	---	---	---	---	14.4A	33.7	47.1	16.7	8.03	0	---	---	16
17	---	---	---	---	16.1	33.5	46.8	16.0	8.85	0	---	---	17
18	---	---	---	---	16.7	35.9	46.5	15.8	8.74	0	---	---	18
19	---	---	---	---	16.8	36.7	47.0	15.6	8.62	0	---	---	19
20	---	---	---	---	16.3	36.7	47.0	15.4	8.86	0	---	---	20
21	---	---	---	---	16.2	36.8	47.1	15.4	8.78	0	---	---	21
22	---	---	---	---	16.7	36.8	47.2	15.7	8.77	0	---	---	22
23	---	---	---	---	24.7	37.3	47.5	15.6	8.76	0	---	---	23
24	---	---	---	---	26.8	36.4	47.7	15.3	8.73	0	---	---	24
25	---	---	---	---	27.1	35.8	46.8	15.0	8.23	0	---	---	25
26	---	---	---	---	26.8	35.4	46.3	15.0	8.10	0	---	---	26
27	---	---	---	---	27.1	36.2	46.4	15.1	8.08	0	---	---	27
28	---	---	---	---	30.1	39.7	45.4	14.8	8.30	0	---	---	28
29	---	---	---	---	33.8	41.3	44.8	14.4	8.01	0	---	---	29
30	---		---	---	33.3	40.2	42.1	14.7	8.78	0	---	---	30
31	---		---		34.6		38.1	13.8		0		---	31
TOTAL	---	---	---	---	378.3	1 003.4	1 374.0	583.1	198.24	39.86	---	---	TOTAL
MEAN	---	---	---	---	12.2	33.4	44.3	18.8	6.61	1.29	---	---	MEAN
MAX	---	---	---	---	34.6	39.9	49.0	33.8	12.3	9.09	---	---	MAX
MIN	---	---	---	---	0	25.4	30.0	13.8	4.10	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.4
MAXIMUM DAILY, 49.0 ON JUL 12
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
50.1 AT 10:45 MST ON JUL 24

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 25 N
LONG 112 32 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	119 000
FEB	---	AUG	50 400
MAR	---	SEP	17 100
APR	---	OCT	3 440
MAY	32 700	NOV	---
JUN	86 700	DEC	---

TOTAL DISCHARGE, 309 000 dam³

BOW RIVER DEVELOPMENT WESTERN BLOCK LATERAL A NEAR HEADGATE - STATION NO. 05AC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	1.14	1.07	0.700	0.117	0.139	---	---	1
2	---	---	---	---	0	1.30	1.11	0.629	0.106	0.112	---	---	2
3	---	---	---	---	0	1.13	1.15	0.581	0.076	0.086	---	---	3
4	---	---	---	---	0	1.12	1.19	0.561	0.048	0.088	---	---	4
5	---	---	---	---	0	1.14	1.27	0.550	0.034	0.044	---	---	5
6	---	---	---	---	0	1.10	1.34	0.554	0.023	0	---	---	6
7	---	---	---	---	0	1.01	1.38	0.542	0.015	0	---	---	7
8	---	---	---	---	0	0.889	1.38	0.515	0.015	0	---	---	8
9	---	---	---	---	0	0.817	1.39	0.505	0.015	0	---	---	9
10	---	---	---	---	0	0.821	1.41	0.284	0.015	0	---	---	10
11	---	---	---	---	0	0.831	1.43	0.285	0.015	0	---	---	11
12	---	---	---	---	0	0.805	1.44	0.268	0.015	0	---	---	12
13	---	---	---	---	0	0.825	1.44	0.237	0.015	0	---	---	13
14	---	---	---	---	0	0.822	1.35	0.234	0.018	0	---	---	14
15	---	---	---	---	0.054A	0.886	1.22	0.251	0.018	0	---	---	15
16	---	---	---	---	0.067	0.939	1.23	0.218	0.014	0	---	---	16
17	---	---	---	---	0.128	0.942	1.22	0.184	0.016	0	---	---	17
18	---	---	---	---	0.119	0.958	1.23	0.213	0.017	0	---	---	18
19	---	---	---	---	0.107	1.01	1.31	0.228	0.026	0	---	---	19
20	---	---	---	---	0.081	0.973	1.38	0.216	0.065	0	---	---	20
21	---	---	---	---	0.111	0.955	1.56	0.201	0.065	0	---	---	21
22	---	---	---	---	0.274	0.789	1.47	0.153	0.038	0	---	---	22
23	---	---	---	---	0.339	0.686	1.38	0.149	0.035	0	---	---	23
24	---	---	---	---	0.345	0.694	1.27	0.165	0.052	0	---	---	24
25	---	---	---	---	0.377	0.782	1.25	0.230	0.080	0	---	---	25
26	---	---	---	---	0.403	0.861	1.39	0.203	0.084	0	---	---	26
27	---	---	---	---	0.407	1.12	1.27	0.158	0.088	0	---	---	27
28	---	---	---	---	0.663	1.30	1.20	0.077	0.108	0	---	---	28
29	---	---	---	---	0.713	1.12	1.14	0.020	0.135	0	---	---	29
30	---		---	---	0.878	1.08	1.03	0.067	0.140	0	---	---	30
31	---		---		1.03		0.838	0.087		0		---	31
TOTAL	---	---	---	---	8.021	28.886	38.898	7.788	1.886	0.459	---	---	TOTAL
MEAN	---	---	---	---	0.184	0.962	1.28	0.251	0.062	0.015	---	---	MEAN
MAX	---	---	---	---	1.03	1.30	1.56	0.700	0.140	0.139	---	---	MAX
MIN	---	---	---	---	0	0.686	0.838	0.020	0.014	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.458
MAXIMUM DAILY, 1.56 ON JUL 21
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
1.60 AT 10:10 MST ON JUL 20

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 30 N
LONG 112 35 00 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 430
FEB	---	AUG	874
MAR	---	SEP	134
APR	---	OCT	39.7
MAY	520	NOV	---
JUN	2 490	DEC	---

TOTAL DISCHARGE, 7 390 dam³

BOW RIVER NEAR SEEBE - STATION NO. 05BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.3	63.7	52.6	38.1	41.0	106	255	110	98.3	75.4	36.1	56.8	1
2	50.1	62.1	49.6	41.6	38.9	98.1	205	106	91.2	73.1	46.3	37.4	2
3	51.3	62.4	44.1	44.1	41.7	73.5	158	104	88.8	69.8	40.6	36.8	3
4	55.2	64.9	43.5	42.1	26.2	70.5	131	109	88.4	75.5	41.7	38.5	4
5	56.3	64.7	47.2	40.0	26.9	86.3	129	102	89.0	62.4	47.6	42.8	5
6	55.6	58.2	47.5	41.1	33.1	87.5	131	96.1	82.8	56.2	42.7	53.8	6
7	48.0	61.0	45.1	41.6	32.6	88.2	138	99.5	86.6	47.4	42.3	52.7	7
8	48.4	60.3	41.5	39.2	33.9	117	124	98.6	73.7	58.7	43.1	45.6	8
9	48.7	58.9	48.9	44.6	28.5	126	115	94.4	74.4	61.3	38.6	40.5	9
10	55.6	58.4	43.5	44.2	31.6	122	114	98.1	80.1	80.3	41.8	45.9	10
11	56.1	59.7	39.0	41.5	36.8	105	100	95.1	80.2	87.5	35.2	43.6	11
12	54.6	54.2	46.2	50.0	33.4	113	104	91.6	78.7	86.3	38.7	44.7	12
13	51.0	59.7	40.2	43.6	28.2	150	108	90.0	84.2	84.6	49.3	43.9	13
14	41.3	62.1	43.7	41.3	40.4	171	110	88.2	84.1	86.8	48.6	51.6	14
15	41.8	57.3	45.8	40.1	37.6	177	108	83.6	83.4	58.9	50.8	47.8	15
16	44.5	47.1	48.8	38.0	41.3	187	104	83.7	80.2	64.1	54.2	38.6	16
17	46.3	62.7	48.1	42.5	45.6	218	108	88.6	81.7	59.8	52.0	41.8	17
18	34.6	48.8	47.8	37.8	47.2	182	111	80.0	80.9	51.2	36.2	39.9	18
19	41.6	62.4	44.3	40.4	39.9	156	105	88.1	79.3	52.6	51.3	43.8	19
20	41.6	48.7	41.2	39.1	43.1	138	110	90.0	86.4	50.1	59.2	43.6	20
21	39.6	49.6	47.2	40.0	41.2	131	108	85.5	77.8	48.9	58.8	50.7	21
22	45.3	60.4	44.6	39.4	43.4	120	108	80.5	73.2	48.0	49.0	46.1	22
23	46.5	58.3	39.6	39.0	48.6	123	95.1	82.2	72.6	53.0	55.5	44.5	23
24	43.7	55.8	38.5	45.6	46.6	143	107	81.4	80.7	39.6	49.8	39.4	24
25	58.6	58.0	40.2	45.5	53.6	153	118	88.9	74.6	46.3	47.0	47.3	25
26	55.6	46.5	39.8	43.2	48.7	163	117	83.1	82.2	37.7	48.5	37.7	26
27	60.2	48.8	41.8	39.2	42.2	171	118	85.9	81.9	30.6	45.2	36.5	27
28	56.4	54.5	37.0	38.4	45.6	167	110	85.5	57.8	24.1	37.5	37.7	28
29	58.0	49.8	38.4	39.0	47.1	208	111	89.4	63.6	22.1	60.0	36.0	29
30	60.2		40.5	36.8	58.4	264	118	84.5	68.3	37.1	84.0	36.1	30
31	57.3		31.8		88.3		109	89.3		35.1		36.8	31
TOTAL	1 659.7	1 601.1	1 349.7	1 237.3	1 268.1	4 263.4	3 780.1	2 933.0	2 343.2	1 658.8	1 431.7	1 337.8	TOTAL
MEAN	50.3	55.2	43.5	41.2	41.5	142	122	94.6	78.1	53.5	47.7	43.2	MEAN
MAX	63.7	63.7	52.6	50.0	88.3	264	255	110	98.3	75.5	84.0	58.6	MAX
MIN	34.6	48.5	31.8	36.8	26.2	70.5	95.1	83.1	57.8	22.1	35.1	34.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.7
MAXIMUM DAILY, 255 ON JUL 1
MINIMUM DAILY, 22.1 ON OCT 29

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 10 N
LONG 115 02 00 W
DRAINAGE AREA, 5 170 km²

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	135 000	JUL	337 000
FEB	138 000	AUG	253 000
MAR	117 000	SEP	202 000
APR	107 000	OCT	143 000
MAY	111 000	NOV	124 000
JUN	368 000	DEC	116 000

TOTAL DISCHARGE, 2 140 000 dam³

BOW RIVER NEAR THE MOUTH - STATION NO. 05BN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5B	67.0B	65.5B	60.7	14.6E	19.5	105	38.2	15.6	10.6	3.60B	36.5B	1
2	46.0B	66.0B	65.0B	59.1	14.4E	20.4	137	56.1	17.0	8.42	48.0B	37.0B	2
3	65.0B	69.0B	64.0B	54.6	14.1E	20.1	140	58.9	17.4	11.7	28.0B	39.0B	3
4	69.0B	70.0B	63.0B	52.1	13.8E	20.2	138	55.2	17.6	14.0	35.0B	41.5B	4
5	72.5B	70.5B	62.5B	45.1	13.7E	22.0	159	41.0	16.7	13.0	44.0B	43.5B	5
6	76.0B	71.0B	61.5B	59.0	13.5E	24.3	112	42.7	13.8	11.8	32.0B	46.0B	6
7	75.5B	71.5B	60.0B	55.5	13.2E	24.8	77.0	50.6	17.5	11.2	18.0B	50.0B	7
8	75.0B	72.5B	58.5B	46.1	13.0E	26.4	46.8	41.1	19.2	11.9	23.5B	59.0B	8
9	72.5B	72.5B	57.5B	50.6	14.5E	32.2	47.2	33.6	34.5	12.8	28.0B	58.5B	9
10	69.0B	72.5B	54.5B	50.3	14.5E	38.7	55.5	37.4	27.5	13.2	35.0B	56.4B	10
11	65.0B	72.6B	50.5B	49.2	15.8E	100	48.8	31.9	39.2	12.7	55.5B	55.0B	11
12	60.0B	72.7B	44.0B	46.2	16.3E	118	36.9	30.9	21.6	12.8	53.0B	54.0B	12
13	55.0B	73.6B	41.0B	48.3	15.6E	105	32.6	28.4	15.0	11.5	43.0B	52.5B	13
14	51.5B	73.5B	38.5B	40.2	15.2E	98.0	26.1	25.8	11.6	13.9	35.0B	50.5B	14
15	48.5B	72.0B	40.0B	40.6	14.9E	88.0	21.4	24.4	11.3	13.9	28.0B	49.0B	15
16	46.5B	71.5B	42.0B	44.0	14.6A	117	22.8	21.9	27.2	14.3	26.5B	47.0B	16
17	44.5B	71.0B	46.5B	53.2	14.3E	137	24.6	22.1	15.0	12.7	30.0B	46.0B	17
18	44.5B	70.5B	57.5B	39.6	14.4E	137	23.4	33.6	11.9	9.64	35.0B	43.5B	18
19	45.0B	70.5B	65.0B	35.2	14.4E	128	20.5	26.5	15.5	8.17	39.1B	41.5B	19
20	45.5B	70.0B	69.7B	38.0	14.4E	115	20.5	26.3	9.44	8.24	42.0B	40.0B	20
21	46.5B	70.0B	70.0B	42.1	17.9E	158	20.8	25.8	8.01	9.02	45.5B	38.5B	21
22	48.5B	70.0B	70.4B	38.6	24.8A	148	21.3	24.1	11.0	8.61	49.0B	37.5B	22
23	50.7B	69.5B	70.7B	42.3	19.2	138	22.7	23.8	10.3	10.7	53.5B	36.0B	23
24	53.5B	69.0B	70.9	42.6	16.3	121	24.1	25.4	9.36	16.8	57.5B	35.0B	24
25	55.0B	68.5B	81.6	41.1	17.8	98.1	26.1	30.5	24.0	12.5	58.5B	34.0B	25
26	57.0B	68.0B	83.4	33.7	20.0	85.8	34.0	33.4	27.2	10.1	54.0B	33.0B	26
27	59.0B	67.0B	74.8	31.6	20.2	100	32.5	32.1	30.0	9.008	50.0B	32.0B	27
28	61.0B	66.5B	66.3	32.8	19.5	100	33.7	31.2	20.0	4.80B	46.5B	31.0B	28
29	63.5B	66.0B	63.5	18.3A	19.5	121	34.2	31.5	16.5	3.50B	43.0B	30.0B	29
30	64.5B		72.3	14.8E	20.2	104	36.8	18.1	18.0	3.00B	40.5B	29.5B	30
31	65.5B		63.9		18.7		35.8	16.3		3.40B		28.0B	31
TOTAL	1 771.5	2 038.1	1 902.0	1 295.5	503.4	2 801.9	1 586.9	989.2	547.41	318.20	1 188.20	1 316.5	TOTAL
MEAN	57.1	70.2	61.4	43.2	18.3	88.7	50.6	31.3	18.2	10.3	38.5	42.5	MEAN
MAX	75.0	73.6	83.4	60.7	24.8	158	159	58.9	39.2	16.8	57.5	58.0	MAX
MIN	21.5	66.0	38.5	14.8	13.0	18.5	20.5	16.3	8.01	3.00	3.60	28.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.6
MAXIMUM DAILY, 159 ON JUL 5
MINIMUM DAILY, 3.00B ON OCT 30
MAXIMUM INSTANTANEOUS,
170 AT 14:55 MST ON JUN 20

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 47 N
LONG 111 35 35 W
DRAINAGE AREA, 25 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	183 000	JUL	136 000
FEB	176 000	AUG	83 700
MAR	184 000	SEP	47 300
APR	112 000	OCT	27 500
MAY	43 500	NOV	102 000
JUN	225 000	DEC	114 000

TOTAL DISCHARGE, 1 380 000 dam³

BOYER RIVER NEAR FORT VERMILION - STATION NO. 07JF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.031	0.032	0.088	0.053	0.002	0.001	---	---	1
2	---	---	0 B	0.0048	0.025	0.022	0.219	0.036	0.003	0.002	---	---	2
3	---	---	0 B	0.0068	0.031	0.023	0.292	0.023	0.003	0.002	---	---	3
4	---	---	0 B	0.0088	0.026	0.019	0.337	0.038	0.003	0.002	---	---	4
5	---	---	0 B	0.0108	0.021	0.018	0.311	0.036	0.004	0.002	---	---	5
6	---	---	0 B	0.0208	0.018	0.018	0.431	0.024	0.005	0.002	---	---	6
7	---	---	0 B	0.0308	0.015	0.019	0.643	0.027	0.004	0.002	---	---	7
8	---	---	0 B	0.0408	0.013	0.017	1.45	0.018	0.005	0.002	---	---	8
9	---	---	0 B	0.0808	0.015	0.018	1.14	0.012	0.006	0.003	---	---	9
10	---	---	0 B	0.0908	0.035	0.017	0.950	0.011	0.015	0.003	---	---	10
11	---	---	0 B	0.1408	0.081	0.011	1.10	0.006	0.026	0.003	---	---	11
12	---	---	0 B	0.1818	0.101	0.010	2.01	0.005	0.032	0.004	---	---	12
13	---	---	0 B	0.1368	0.084	0.032	1.75	0.005	0.051	0.004	---	---	13
14	---	---	0 B	0.1118	0.068	0.026	1.45	0.004	0.068	0.003	---	---	14
15	---	---	0 B	0.0888	0.057	0.022	1.31	0.004	0.087	0.625	---	---	15
16	---	---	0 B	0.1308	0.051	0.018	1.08	0.004	0.081	1.03	---	---	16
17	---	---	0 B	0.5788	0.078	0.016	0.837	0.004	0.049	0.701	---	---	17
18	---	---	0 B	0.5188	0.132	0.010	0.813	0.004	0.033	0.554	---	---	18
19	---	---	0 B	0.645	0.133	0.010	1.11	0.003	0.027	0.469	---	---	19
20	---	---	0 B	0.472	0.188	0.014	1.44	0.003	0.019	0.337	---	---	20
21	---	---	0 B	0.367	0.185	0.010	1.25	0.003	0.008	0.638	---	---	21
22	---	---	0 B	0.282	0.157	0.008	1.03	0.002	0.002	1.41	---	---	22
23	---	---	0.0018	0.240	0.288	0.005	0.781	0.003	0.001	1.24	---	---	23
24	---	---	0.0018	0.181	0.208	0.004	0.548	0.002	0.002	1.08	---	---	24
25	---	---	0.0018	0.127	0.140	0.004	0.483	0.001	0.001	1.05	---	---	25
26	---	---	0.0018	0.117	0.093	0.003	0.516	0.001	0.001	0.8488	---	---	26
27	---	---	0.0018	0.102	0.057	0.003	0.451	0.001	0.001	1.61 B	---	---	27
28	---	---	0.0028	0.121	0.035	0.002	0.288	0.002	0.001	1.18 B	---	---	28
29	---	---	0.0028	0.072	0.018	0.002	0.173	0.002	0.001	1.27 B	---	---	29
30	---		0.0028	0.041	0.310	0.020	0.124	0.002	0.001	1.54 B	---	---	30
31	---		0.0028		0.021		0.081	0.001		0.8008		---	31
TOTAL	---	---	0.013	4.903	2.384	0.433	24.318	0.340	0.522	18.817	---	---	TOTAL
MEAN	---	---	0	0.163	0.077	0.014	0.784	0.011	0.017	0.530	---	---	MEAN
MAX	---	---	0.002	0.645	0.288	0.032	2.01	0.053	0.087	1.61	---	---	MAX
MIN	---	---	0	0.004	0.010	0.002	0.088	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 2.01 ON JUL 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.14 AT 10:30 MST ON OCT 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 26 42 N
LONG 116 16 10 W
DRAINAGE AREA, 6 660 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 100
FEB	---	AUG	28 4
MAR	1 12	SEP	45 1
APR	424	OCT	1 420
MAY	207	NOV	---
JUN	37.4	DEC	---

TOTAL DISCHARGE, 4 280 dam³

BOYER RIVER NEAR PADDLE PRAIRIE - STATION NO. 07JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0.006	0	0.002	0	---	---	1
2	---	---	0B	0B	0	0	0.003	0	0.001	0	---	---	2
3	---	---	0B	0B	0	0	0.002	0	0	0	---	---	3
4	---	---	0B	0B	0	0	0.001	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0B	0	0	0.001	0	0	0	---	---	8
9	---	---	0B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0.006	0	0	0	0	---	---	12
13	---	---	0B	0	0	0.007	0	0	0	0	---	---	13
14	---	---	0B	0	0	0.006	0.001	0	0	0	---	---	14
15	---	---	0B	0	0	0.003	0	0	0	0	---	---	15
16	---	---	0B	0	0	0.001	0	0	0	0	---	---	16
17	---	---	0B	0	0.001	0	0	0	0	0B	---	---	17
18	---	---	0B	0	0.001	0	0	0	0	0B	---	---	18
19	---	---	0B	0	0.001	0	0	0	0	0B	---	---	19
20	---	---	0B	0	0	0	0	0	0	0B	---	---	20
21	---	---	0B	0	0	0	0	0	0	0B	---	---	21
22	---	---	0B	0	0	0	0	0	0	0B	---	---	22
23	---	---	0B	0	0	0	0	0	0	0B	---	---	23
24	---	---	0B	0	0	0	0	0	0	0B	---	---	24
25	---	---	0B	0	0	0	0	0	0	0B	---	---	25
26	---	---	0B	0	0	0	0	0	0	0B	---	---	26
27	---	---	0B	0	0	0	0	0	0	0B	---	---	27
28	---	---	0B	0	0	0	0	0	0	0B	---	---	28
29	---	---	0B	0	0	0	0	0	0	0B	---	---	29
30	---	---	0B	0	0	0.014	0	0	0	0B	---	---	30
31	---		0B		0.001		0	0		0B		---	31
TOTAL	---	---	0	0	0.004	0.038	0.014	0	0.003	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.001	0.014	0.006	0	0.002	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.014 ON JUN 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.022 AT 23:00 MST ON JUN 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 30 N
LONG 117 36 46 W
DRAINAGE AREA, 94.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.21
FEB	---	AUG	0
MAR	0	SEP	0.26
APR	0	OCT	0
MAY	0.38	NOV	---
JUN	3.37	DEC	---

TOTAL DISCHARGE, 5.19 dam³

BRAZEAU RESERVOIR - STATION NO 05DD005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	961.80	959.36	956.25	954.94	953.81	955.82	961.13	963.63	964.68	965.58	965.18	963.56	1
2	961.67	959.27	956.19	954.88	953.84	955.84	961.13	963.69	964.65	965.58	965.06	963.50	2
3	961.52	959.14	956.19	954.82	953.96	956.10	961.10	963.75	964.72	965.64	964.97	963.47	3
4	961.46	959.08	956.16	954.73	953.96	956.22	961.13	963.87	964.75	965.70	964.94	963.41	4
5	961.34	958.99	956.10	954.63	954.05	956.37	961.19	963.89	964.75	965.73	964.91	963.32	5
6	961.31	958.96	956.10	954.57	954.15	956.61	961.28	964.06	964.81	965.82	964.87	963.20	6
7	961.22	958.84	956.10	954.48	954.27	956.95	961.43	964.14	964.91	965.96	964.81	963.14	7
8	961.16	958.72	956.01	954.38	954.21	957.25	961.61	964.23	965.03	966.00	964.75	963.11	8
9	961.10	958.54	956.04	954.33	954.33	957.74	961.66	964.27	965.09	965.97	964.72	963.14	9
10	961.00	958.38	956.01	954.24	954.39	958.17	961.70	964.27	965.12	965.94	964.66	963.05	10
11	960.94	958.29	955.91	954.15	954.30	958.41	961.74	964.33	965.18	965.94	964.63	962.99	11
12	960.82	958.23	955.94	954.02	954.39	958.69	961.83	964.48	965.24	965.88	964.57	962.92	12
13	960.78	958.11	955.97	953.93	954.42	958.93	961.95	964.48	965.27	965.88	964.48	962.80	13
14	960.70	957.89	955.94	953.87	954.39	959.14	962.10	964.48	965.27	965.91	964.48	962.71	14
15	960.67	957.83	955.78	953.78	954.48	959.30	962.25	964.45	965.33	965.85	964.39	962.71	15
16	960.61	957.77	955.73	953.69	954.63	959.54	962.31	964.42	965.36	965.78	964.33	962.65	16
17	960.52	957.68	955.64	953.84	954.73	959.72	962.47	964.39	965.36	965.78	964.27	962.56	17
18	960.49	957.59	955.67	953.93	955.00	959.78	962.59	964.39	965.36	965.78	964.27	962.50	18
19	960.38	957.47	955.61	953.98	955.12	959.72	962.71	964.45	965.42	965.76	964.17	962.41	19
20	960.27	957.35	955.52	954.05	955.12	959.63	962.86	964.45	965.42	965.76	964.08	962.25	20
21	960.24	957.22	955.48	954.18	955.15	959.78	962.92	964.45	965.42	965.85	964.05	962.23	21
22	960.21	957.13	955.43	954.24	955.18	959.91	962.98	964.45	965.30	965.82	964.02	962.18	22
23	960.18	956.98	955.43	954.15	955.15	960.06	962.98	964.45	965.36	965.82	963.98	962.13	23
24	960.09	956.86	955.37	954.08	955.15	960.30	963.05	964.48	965.39	965.76	963.98	962.10	24
25	960.00	956.68	955.30	954.05	955.06	960.38	963.05	964.51	965.45	965.78	963.93	962.07	25
26	959.94	956.52	955.27	953.99	955.18	960.48	963.14	964.60	965.48	965.78	963.87	962.01	26
27	959.76	956.46	955.21	954.02	955.30	960.58	963.23	964.63	965.48	965.73	963.81	961.92	27
28	959.68	956.43	955.06	953.93	955.27	960.70	963.26	964.66	965.48	965.67	963.72	961.83	28
29	959.66	956.31	955.00	953.78	955.30	960.88	963.41	964.66	965.51	965.58	963.69	961.74	29
30	959.57		954.97	953.84	955.33	961.10	963.50	964.66	965.55	965.39	963.66	961.64	30
31	959.46		954.97		955.58		963.53	964.66		965.24		961.52	31
MEAN	960.80	957.86	955.68	954.18	954.68	958.81	962.30	964.34	965.21	965.78	964.37	962.80	MEAN
MAX	961.80	959.36	956.25	954.94	955.58	961.10	963.53	964.66	965.55	966.00	965.18	963.56	MAX
MIN	959.46	956.31	954.97	953.69	953.81	955.82	961.10	963.63	964.66	965.24	963.66	961.52	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 960.55
MAXIMUM DAILY, 966.00 ON OCT 6
MINIMUM DAILY, 953.69 ON APR 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 14 N
LONG 115 34 49 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
5 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRAZEAU RIVER BELOW BRAZEAU PLANT - STATION NO 05DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.8	41.9	23.1	12.7	17.8	13.2	110	29.6	27.1	47.3	59.5	40.6	1
2	55.2	38.2	22.6	32.6	16.1	20.4	101	40.2	9.88	36.5	45.0	30.3	2
3	47.2	34.7	14.5	32.3	15.0	0.915	90.8	43.9	15.6	32.1	44.0	34.0	3
4	42.8	30.6	16.1	33.2	16.1	14.6	83.4	30.0	13.6	30.3	46.3	28.7	4
5	42.3	33.3	13.9	33.9	5.66	6.69	42.2	15.6	28.5	42.7	30.6	39.6	5
6	35.3	34.1	17.6	33.9	1.70	2.63	54.1	30.6	14.0	19.1	41.1	46.3	6
7	34.1	36.3	13.0	34.4	16.7	7.36	22.1	40.3	36.5	14.0	46.1	43.8	7
8	31.0	40.9	15.3	34.4	16.7	17.0	3.40	43.5	11.8	23.3	56.1	20.8	8
9	36.8	49.1	13.4	36.5	11.0	26.9	56.9	43.3	21.4	79.8	42.3	14.0	9
10	34.8	55.3	13.7	39.0	22.7	37.7	55.2	44.0	28.8	71.8	28.2	41.5	10
11	36.6	33.9	12.1	37.8	32.0	58.9	42.7	16.9	34.8	60.0	26.7	36.3	11
12	41.0	35.6	17.7	38.7	22.1	56.6	44.7	39.8	33.5	79.2	56.1	34.7	12
13	38.8	46.5	12.9	40.3	8.21	87.8	36.3	53.2	42.2	60.6	60.1	47.8	13
14	22.2	47.8	13.3	42.0	38.8	118	37.4	62.6	54.9	41.1	29.9	44.5	14
15	21.9	39.1	45.9	41.5	21.5	128	20.8	54.2	30.0	50.3	41.8	25.9	15
16	32.5	30.5	19.7	27.0	13.9	123	31.1	65.8	27.8	62.5	40.3	24.3	16
17	28.0	31.6	24.2	14.2	41.6	132	33.5	84.9	39.9	40.1	40.1	47.2	17
18	29.4	34.0	10.3	13.7	24.1	131	30.3	61.3	41.8	52.3	33.5	38.9	18
19	34.8	32.8	20.3	28.2	32.0	137	45.0	18.9	37.7	38.5	41.7	36.8	19
20	45.9	36.6	24.8	27.8	39.3	92.0	43.1	43.4	82.3	28.6	56.2	84.9	20
21	18.3	41.8	23.2	27.5	34.4	57.5	47.2	34.1	123	11.9	38.4	36.8	21
22	15.7	41.9	30.2	29.6	41.5	58.2	46.8	41.2	115	37.1	35.7	28.9	22
23	26.8	40.5	13.2	29.2	42.8	63.7	44.5	40.5	40.8	38.8	33.9	23.0	23
24	28.0	40.7	22.3	42.7	29.8	57.8	37.8	25.7	41.8	64.7	26.2	27.3	24
25	36.5	57.2	23.1	35.4	60.4	105	19.8	3.12	36.2	45.7	28.1	26.9	25
26	29.4	51.0	24.7	37.2	2.88	112	33.1	4.06	41.5	38.6	38.1	23.9	26
27	56.4	36.5	28.4	38.4	3.88	84.9	42.2	23.9	44.0	31.2	38.5	38.0	27
28	30.1	23.4	27.7	38.8	25.7	80.0	47.2	24.4	44.2	45.2	38.8	50.3	28
29	31.3	27.2	28.8	45.3	20.8	89.8	20.1	29.5	28.9	58.6	35.3	44.6	29
30	41.8		27.7	14.2	32.9	110	44.7	33.0	16.4	86.7	36.4	43.5	30
31	46.8		13.7		22.0		51.4	31.9		66.8		52.4	31
TOTAL	1 106.0	1 112.8	817.3	884.7	733.83	2 063.185	1 429.90	1 121.56	1 142.38	1 439.4	1 213.1	1 125.3	TOTAL
MEAN	35.7	38.4	18.8	32.8	23.7	68.4	46.1	36.2	38.1	46.4	40.4	36.3	MEAN
MAX	56.4	57.2	45.9	45.3	60.4	137	110	65.8	123	86.7	59.5	84.9	MAX
MIN	15.7	23.4	10.3	12.7	1.70	0.915	3.40	3.12	9.88	11.9	26.2	18.0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 137 ON JUN 19
MINIMUM DAILY, 0.915 ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 45 N
LONG 115 21 50 W
DRAINAGE AREA, 5 850 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	95 600	JUL	124 000
FEB	96 200	AUG	98 800
MAR	53 300	SEP	98 700
APR	85 100	OCT	124 000
MAY	93 400	NOV	105 000
JUN	177 000	DEC	97 200

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1960

TOTAL DISCHARGE, 1 220 000 dam³

BRAZEAU RIVER BELOW CARDINAL RIVER - STATION NO. 05DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	10 3	40 9	97.3	72.0	28 3	27.2	11 88	---	1
2	---	---	---	---	10 2	31 1	78 3	70 0	27 4	28 3	---	---	2
3	---	---	---	---	10 1	30 1	88 0	71.8	25 9	32 9	---	---	3
4	---	---	---	---	10 0	31.3	85 0	70 1	24 9	38 9	---	---	4
5	---	---	---	---	9 96	32 9	87 8	70 8	23 9	40 1	---	---	5
6	---	---	---	---	10 1	40 7	79 5	68 4	32 1	36.2	---	---	6
7	---	---	---	---	10 9	49.3	88.7	67.0	38 7	33 6	---	---	7
8	---	---	---	---	11 8	72 5	97.9	68 1	32 1	38 0	---	---	8
9	---	---	---	---	12 5	71 7	94 1	66 0	30 4	46.3	---	---	9
10	---	---	---	---	12 0	69.8	83 1	66 7	30 3	40 5	---	---	10
11	---	---	---	---	11 8	70 2	84 2	66 9	30 4	36 6	---	---	11
12	---	---	---	---	11 7	84 1	72 3	65.8	31 0	35 1	---	---	12
13	---	---	---	---	12 4	113	76 7	65 2	30 7	32 6	---	---	13
14	---	---	---	---	13 8	128	73 8	60.8	29.0	30 5	---	---	14
15	---	---	---	---	16 7	155	69 9	46 6	27 9	29 0	---	---	15
16	---	---	---	---	21 0	162	73 1	44 2	28 7	28 3	---	---	16
17	---	---	---	---	22 8	116	78 1	43 0	28 0	28 2	---	---	17
18	---	---	---	---	20 6	87 0	85 1	43 5	43 7	25 5A	---	---	18
19	---	---	---	---	19 0	74 3	84 2	44 1	47 0	23 08	---	---	19
20	---	---	---	---	19 5	66 5	75 7	40 4	43 7	20 58	---	---	20
21	---	---	---	---	18 0	66 1	67 1	38 4	44 2	18 88	---	---	21
22	---	---	---	---	16 4	76 1	67 6	33 9	35 5	19 38	---	---	22
23	---	---	---	---	15 9	95 9	52 6	33 4	36 4	20 08	---	---	23
24	---	---	---	---	15 5	117	63 6	34 2	32 5	20 48	---	---	24
25	---	---	---	10 4A	15 1	120	56 2	33 1	30 5	20 08	---	---	25
26	---	---	---	11 3	15 2	108	61 9	31 8	28 5	18 08	---	---	26
27	---	---	---	11 0	15 9	116	72 7	34 8	29 6	13 08	---	---	27
28	---	---	---	10 7	16 6	127	78 0	38 5	25 9	10 58	---	---	28
29	---	---	---	10 6	16 0	142	76 8	34 5	25 7	10 88	---	---	29
30	---		---	10 4	44 3	139	71 7	31 4	26.3	11 08	---	---	30
31	---		---		75 8		72 0	29 8		11 58		---	31
TOTAL	---	---	---	---	542 86	2 824 5	2 180 4	1 814 7	946 8	822 7	---	---	TOTAL
MEAN	---	---	---	---	17 5	87 5	69 7	46 9	31 6	26 5	---	---	MEAN
MAX	---	---	---	---	75 8	162	97.3	72 0	47 0	46 3	---	---	MAX
MIN	---	---	---	---	9 96	30 1	52 8	29 6	23 9	10 5	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46 8
MAXIMUM DAILY, 162 ON JUN 16
MINIMUM DAILY, 9 96 ON MAY 5
MAXIMUM INSTANTANEOUS,
180 AT 05 25 MST ON JUN 16

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 50 N
LONG 116 34 40 W
DRAINAGE AREA, 2 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	187 000
FEB	---	AUG	131 000
MAR	---	SEP	81 800
APR	---	OCT	71 100
MAY	48 500	NOV	---
JUN	227 000	DEC	---

TOTAL DISCHARGE, 745 000 dam³

BREWSTER CREEK NEAR BANFF - STATION NO 05BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 190B	2.32	5 00	1 24	1 02	0 788	---	---	1
2	---	---	---	---	0 190B	1 73	3 72	1 40	0 983	0 788	---	---	2
3	---	---	---	---	0 200E	1 58	3 40	1 88	0 893	0 748	---	---	3
4	---	---	---	---	0 200E	1 35	3 18	1 50	0 841	0 742	---	---	4
5	---	---	---	---	0 190E	1 58	3 38	1 52	0 802	0 748	---	---	5
6	---	---	---	---	0 210E	2 17	4 58	1 49	0 915	0 730	---	---	6
7	---	---	---	---	0 222E	2 89	3 50	1 35	0 888	0 708	---	---	7
8	---	---	---	---	0 238E	3 69	2 73	1 20	0 838	0 689	---	---	8
9	---	---	---	---	0 222E	3 18	2 35	1 16	0 871	0 718	---	---	9
10	---	---	---	---	0 226E	2 63A	2 25	1 24	0 902	0 725	---	---	10
11	---	---	---	---	0 230E	3 28E	2 71	1 36	0 981	0 711	---	---	11
12	---	---	---	---	0 257E	3 65E	3 01	1 25	1 02	0 717	---	---	12
13	---	---	---	---	0 268E	4 80E	2 62	1 21	0 984	0 690	---	---	13
14	---	---	---	---	0 317E	5 00E	2 52	1 11	0 974	0 652	---	---	14
15	---	---	---	---	0 370E	5 80E	2 38	1 03	0 953	0 622	---	---	15
16	---	---	---	---	0 520A	7 60E	2 46	0 949	0 935	0 603	---	---	16
17	---	---	---	---	0 548	7 00E	2 81	0 923	1 03	0 589	---	---	17
18	---	---	---	---	0 401	5 80E	2 60	0 888	1 24	0 591	---	---	18
19	---	---	---	---	0 401	5 98E	2 36	0 883	1 37	0 5988	---	---	19
20	---	---	---	---	0 519	4 55E	2 04	0 894	1 28	0.5898	---	---	20
21	---	---	---	---	0.398	4 20E	1 87	0 828	1.24	0 5738	---	---	21
22	---	---	---	---	0 314	3 90E	1.85	0 778	1 16	0 514	---	---	22
23	---	---	---	---	0.331	4 20E	1 37	0 772	1 08	0 5118	---	---	23
24	---	---	---	0 025B	0 286	4 60E	1 34	0 762	1 01	0 481	---	---	24
25	---	---	---	---	0 312	5 33A	1 40	0 718	0.987	0 489	---	---	25
26	---	---	---	---	0 317	5 84	1 58	0 883	0.934	0 479	---	---	26
27	---	---	---	---	0 301	5 68	1 78	1 18	0 848	0 2388	---	---	27
28	---	---	---	---	0 382	5 84	1 74	1.31	.834	0 2008	---	---	28
29	---	---	---	---	0 835	11 5	1 80	1 11	0 801	0 1838	---	---	29
30	---		---	---	3.27	8 39	1 40	1 02	0 788	0 1808	---	---	30
31	---		---		4 18		1 32	0 988		0 1588		---	31
TOTAL	---	---	---	---	16.841	142 02	78 58	34.844	29.330	17.889	---	---	TOTAL
MEAN	---	---	---	---	0 543	4 73	2 47	1 11	0.978	0 570	---	---	MEAN
MAX	---	---	---	---	4 18	11 5	5 00	1 69	1 37	0 788	---	---	MAX
MIN	---	---	---	---	0 180	1.35	1 32	0.893	0.788	0 168	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 72
MAXIMUM DAILY, 11.5 ON JUN 29
MINIMUM DAILY, 0 1588 ON OCT 31
MAXIMUM INSTANTANEOUS,
14.7 AT 21 00 MST ON JUN 29

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 55 N
LONG 115 39 55 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 810
FEB	---	AUG	2 880
MAR	---	SEP	2 530
APR	---	OCT	1 530
MAY	1 480	NOV	---
JUN	12 300	DEC	---

TOTAL DISCHARGE, 27 400 dam³

BRIDLEBIT CREEK NEAR VALLEYVIEW - STATION NO. 07EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0048	0.487	0.110	0.036	0	0	0.013	---	---	1
2	---	---	---	0.0C88	0.366	0.109	0.048	0	0	0.014	---	---	2
3	0.0038	---	---	0.0038	0.428	0.083	0.050	0	0	0.012	---	---	3
4	---	---	---	0.0038	0.483	0.053	0.032	0E	0	0.012	---	---	4
5	---	---	0 B	0.0048	0.429	0.036	0.024	0E	0	0.011	---	---	5
6	---	0.0028	---	0.0048	0.387	0.028	0.018	0E	0.007	0.011	---	---	6
7	---	---	---	0.0048	0.309	0.089	0.015	0E	0.028	0.008	---	---	7
8	---	---	---	0.0038	0.258	0.367	0.015	0	0.013	0.008	---	---	8
9	0.0038	---	---	0.0028	0.247	0.834	0.015	0	0.010	0.008	---	---	9
10	---	---	---	0.0048	0.288	0.513	0.014	0	0.007	0.008	---	0.0038	10
11	---	---	---	0.0048	0.381	0.295	0.004	0	0.008	0.008	---	---	11
12	---	---	0.0018	0.0058	0.358	0.249	0.001	0	0.009	0.009	---	---	12
13	---	0.0028	---	0.0048	0.325	0.184	0.003	0	0.007	0.007	---	---	13
14	---	---	---	0.0088	0.281	0.113	0.001	0	0.007	0.017	---	---	14
15	---	---	---	0.0108	0.284	0.087	0	0	0.011	0.018	---	---	15
16	0.0028	---	---	0.0148	2.47 E	0.080	0	0	0.015	0.013	---	---	16
17	---	---	---	0.038	3.27 E	0.068	0	0	0.018	0.022	---	---	17
18	---	---	---	0.038	2.06	0.035	0	0	0.018	0.034	---	---	18
19	---	---	0 B	0.032	1.12	0.026	0	0	0.018	0.036	---	---	19
20	---	0.0018	---	0.023	0.737	0.035	0	0	0.020	0.033	---	---	20
21	---	---	---	0.028	0.632	0.105	0	0	0.024	0.032	---	---	21
22	---	---	0.0038	0.032E	0.830	0.052	0	0	0.022	0.0238	---	---	22
23	0.0028	---	0.0028	0.034	0.825	0.024	0	0	0.021	0.0278	---	---	23
24	---	---	0.0038	0.087	0.689	0.013	0	0	0.022	0.0328	---	---	24
25	---	---	0.0038	0.070E	0.503	0.007	0	0	0.023	0.0758	---	---	25
26	---	---	0.0028	0.075E	0.380	0.006	0 E	0	0.030	0.0738	---	---	26
27	---	0 B	0.0048	0.140	0.298	0.004	0 E	0	0.027	0.0588	---	---	27
28	---	---	0.0038	0.231	0.228	0.001	0 E	0	0.020	0.0508	---	---	28
29	---	---	0.0038	0.438	0.170	0.003	0 E	0	0.014	0.0458	---	---	29
30	0.0028		0.0058	0.802	0.102	0.022	0 E	0	0.012	0.0408	---	---	30
31	---		0.0058		0.077		0	0		0.0358		---	31
TOTAL	---	---	---	1.918	19.858	3.373	0.271	0	0.404	0.817	---	---	TOTAL
MEAN	---	---	---	0.084	0.634	0.112	0.009	0	0.013	0.026	---	---	MEAN
MAX	---	---	---	0.802	3.27	0.834	0.050	0	0.030	0.075	---	---	MAX
MIN	---	---	---	0.002	0.077	0.001	0	0		0.007	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.27E ON MAY 17
MINIMUM DAILY, 0E ON MAR 5
MAXIMUM INSTANTANEOUS,
3.79A AT 09:45 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 117 44 02 W
DRAINAGE AREA, 19.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23 4
FEB	---	AUG	0
MAR	---	SEP	34 8
APR	188	OCT	70 8
MAY	1 700	NOV	---
JUN	291	DEC	---

BROWN CREEK AT FORESTRY ROAD - STATION NO. 08DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.236E	1.46	3.37 E	0.781	0.320	1.08	---	---	1
2	---	---	---	---	0.285E	1.25	2.16 E	0.615	0.283	1.74	---	---	2
3	---	---	---	---	0.715E	1.11	2.33 E	0.786	0.261	3.50	---	---	3
4	---	---	---	---	1.25 E	1.10	2.36 E	0.974	0.243	5.10	---	---	4
5	---	---	---	---	1.13 E	1.67	2.41 E	1.08	0.231	5.02	---	---	5
6	---	---	---	---	1.19 E	4.28	2.54 E	1.04	1.59	4.00	---	---	6
7	---	---	---	---	1.38 E	4.17	2.51 E	1.12	3.10	3.36	---	---	7
8	---	---	---	---	1.52 E	9.07	1.88 E	0.771	1.47	3.08	---	---	8
9	---	---	---	---	1.62 E	12.6	1.53 E	0.605	1.08	2.55	---	---	9
10	---	---	---	---	1.72 E	12.1	1.32 E	0.535	0.958	2.14	---	---	10
11	---	---	---	---	2.25 E	9.19	1.19 E	0.787	1.42	1.87	---	---	11
12	---	---	---	---	2.02 E	7.56	1.25 E	0.662	2.50	1.82	---	---	12
13	---	---	---	---	1.61 E	8.00	1.42 E	0.635	2.36	1.69	---	---	13
14	---	---	---	---	1.77 E	6.37	1.42 E	0.611	1.87	1.39	---	---	14
15	---	---	---	---	2.20 E	5.54	1.15 E	0.587	1.47	1.28	---	---	15
16	---	---	---	---	4.75 E	5.27	0.858A	0.508	1.18	1.12	---	---	16
17	---	---	---	---	10.3 E	5.18	0.811	0.488	0.871	0.8508	---	---	17
18	---	---	---	---	8.10 E	4.25	0.787	0.461	0.838	0.8858	---	---	18
19	---	---	---	---	5.00 E	4.58	0.730	0.458	0.788	1.18 B	---	---	19
20	---	---	---	---	4.40 E	4.48	0.913	0.438	0.853	1.20 B	---	---	20
21	---	---	---	---	3.25 E	4.07E	0.970	0.407	1.42	0.9038	---	---	21
22	---	---	---	---	2.35 E	3.80E	0.870	0.367	1.18	0.7498	---	---	22
23	---	---	---	---	2.37 A	3.70E	0.818	0.355	1.01	0.8008	---	---	23
24	---	---	---	---	2.23	3.50E	0.718	0.357	0.884	0.8538	---	---	24
25	---	---	---	---	1.85	3.31E	0.647	0.338	0.813	0.9228	---	---	25
26	---	---	---	0.878A	1.77	3.11E	0.628	0.284	0.738	0.3808	---	---	26
27	---	---	---	0.828	1.71	2.98E	0.585	0.277	0.680	0.3398	---	---	27
28	---	---	---	0.815E	1.80	2.85E	0.588	0.308	0.680	0.3828	---	---	28
29	---	---	---	0.800E	1.49	2.98E	0.592	0.280	0.720	0.7608	---	---	29
30	---		---	0.380E	1.47	2.68E	0.584	0.282	0.788	0.6648	---	---	30
31	---		---		1.78		0.549	0.324		0.9258		---	31
TOTAL	---	---	---	---	78.586	142.68	40.282	17.482	32.769	52.042	---	---	TOTAL
MEAN	---	---	---	---	2.47	4.76	1.30	0.583	1.09	1.68	---	---	MEAN
MAX	---	---	---	---	10.3	12.6	2.54	1.12	3.10	5.10	---	---	MAX
MIN	---	---	---	---	0.236	1.10	0.549	0.262	0.231	0.338	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 12.6 ON JUN 5
MINIMUM DAILY, 0.231 ON SEP 5
MAXIMUM INSTANTANEOUS,
14.5 AT 19:55 MST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 40 N
LONG 118 21 20 W
DRAINAGE AREA, 216 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 480
FEB	---	AUG	1 510
MAR	---	SEP	3 630
APR	---	OCT	4 800
MAY	6 830	NOV	---
JUN	13 300	DEC	---

TOTAL DISCHARGE, 31 300 dam³

BUFFALO CREEK AT HIGHWAY NO. 41 - STATION NO. 05FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	1.44	0.100	0.207	0.047	0	0	0	0.0408	---	1
2	---	---	0.0108	1.13	0.094	0.228	0.058	0	0	0.007	0.0318	---	2
3	---	---	0.0108	1.00	0.091	0.223	0.050	0	0	0.013	0.0308	---	3
4	---	---	0.0208	0.907	0.107	0.227	0.028	0	0	0.010	0.0328	---	4
5	---	---	0.0308	0.788	0.103	0.203	0.010	0	0	0.012	0.0338	---	5
6	---	---	0.0208	0.710	0.097	0.264	0.005	0	0	0.021	0.0608	---	6
7	---	---	0.0108	0.685	0.098	0.412	0.001	0	0	0.022	---	---	7
8	---	---	0.0108	0.603	0.110	0.630	0.001	0	0	0.064	---	---	8
9	---	---	0.0308	0.625	0.110	0.805	0.001	0	0	0.032	---	---	9
10	---	---	0.0208	0.674	0.127	0.701	0.001	0	0	0.037	---	---	10
11	---	---	0.0208	0.610	0.134	0.573	0.001	0	0	0.047	---	---	11
12	---	---	0.0308	0.310	0.137	0.459	0.001	0	0	0.052	---	---	12
13	---	---	0.0308	0.266	0.138	0.318	0.001	0	0	0.047	---	---	13
14	---	---	0.0188	0.288	0.144	0.298	0.001	0	0	0.067	---	---	14
15	---	---	0.0118	0.252	0.182	0.316	0.022	0	0	0.081	---	---	15
16	---	---	0.0178	0.248	0.193	0.394	0.139	0	0	0.088	---	---	16
17	---	---	0.0248	0.246	0.181	0.480	0.180	0	0	0.089	---	---	17
18	---	---	0.0338	0.264	0.167	0.441	0.071	0	0	0.085	---	---	18
19	---	---	0.0488	0.283	0.188	0.388	0.031	0	0	0.110	---	---	19
20	---	---	0.0708	0.240	0.181	0.357	0.004	0	0	0.114	---	---	20
21	---	---	0.1418	0.218	0.224	0.280	0.002	0	0	0.112	---	---	21
22	---	---	0.2608	0.237	0.223	0.198	0.006	0	0.038	0.112	---	---	22
23	---	---	0.4508	0.220	0.227	0.118	0.002	0	0.088	0.107	---	---	23
24	---	---	0.5008	0.223	0.240	0.074	0.001	0	0.084	0.113	---	---	24
25	---	---	0.5918	0.184	0.225	0.072	0	0	0.093	0.110	---	---	25
26	---	---	0.7878	0.167	0.210	0.058	0	0	0.055	0.132	---	---	26
27	---	---	0.7728	0.154	0.195	0.047	0	0	0.021	0.110	---	---	27
28	---	---	0.5008	0.135	0.180	0.087	0	0	0.010	0.0878	---	---	28
29	---	---	1.51 B	0.120	0.189	0.057	0	0	0.019	0.0718	---	---	29
30	---		2.13 B	0.109	0.204	0.052	0	0	0.006	0.0518	---	---	30
31	---		1.48 B		0.201		0	0		0.0468		---	31
TOTAL	---	---	9.800	13.821	4.904	8.948	0.644	0	0.435	2.085	---	---	TOTAL
MEAN	---	---	0.310	0.427	0.158	0.298	0.021	0	0.015	0.067	---	---	MEAN
MAX	---	---	2.13	1.44	0.240	0.805	0.180	0	0.089	0.132	---	---	MAX
MIN	---	---	0.010	0.109	0.091	0.047	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 2.130 ON MAR 30
MINIMUM DAILY, 0 ON JUL 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 28 N
LONG 110 51 57 W
DRAINAGE AREA, 705 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55.8
FEB	---	AUG	0
MAR	829	SEP	37.8
APR	1 110	OCT	178
MAY	424	NOV	---
JUN	773	DEC	---

TOTAL DISCHARGE, 3 410 dam³

BUFFALO LAKE NEAR ERSKINE - STATION NO. 05CD005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	780.259	---	---	---	780.314	780.198	---	---	---	---	1
2	---	---	---	780.376	780.316	---	---	---	780.103	---	---	---	2
3	---	---	---	---	---	---	---	---	---	780.129	---	---	3
4	---	---	---	---	---	---	780.282	---	---	---	---	---	4
5	---	---	---	---	---	---	---	780.189	780.113	---	---	---	5
6	---	---	---	---	780.358	780.318	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	780.126	---	---	7
8	---	---	---	---	---	---	780.273	780.182	---	---	---	---	8
9	---	---	---	---	780.332	---	---	---	780.113	---	---	---	9
10	---	---	---	---	---	780.351	---	---	---	780.124	---	---	10
11	---	---	---	780.470	---	---	780.251	---	---	---	---	---	11
12	---	---	---	---	---	780.354	---	780.160	780.103	---	---	---	12
13	---	---	---	---	780.338	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	780.123	---	---	14
15	---	---	---	---	780.362	---	780.258	780.161	---	---	---	---	15
16	---	---	---	---	780.348	---	---	---	780.103	---	---	---	16
17	---	---	---	---	---	780.349	---	---	---	780.121	---	---	17
18	---	---	---	---	---	---	780.240	---	---	---	---	---	18
19	---	---	---	---	---	---	---	780.151	780.104	---	---	---	19
20	---	---	---	---	780.324	780.353	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	780.121	---	---	21
22	---	---	---	---	---	---	780.232	780.132	---	---	---	---	22
23	---	---	---	---	780.315	---	---	---	780.125	---	---	---	23
24	---	---	---	---	---	780.349	---	---	---	---	---	---	24
25	---	---	---	---	---	---	780.228	---	---	---	---	---	25
26	---	---	780.450	---	---	---	---	780.124	780.132	---	---	---	26
27	---	---	---	---	780.288	780.367	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	780.238	780.111	---	---	---	---	29
30	---		---	---	780.288	---	---	---	780.128	---	---	---	30
31	---		---		---		---	---		780.118		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 27 53 N
LONG 112 52 57 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
1 550 km²

BULLPOUND CREEK NEAR THE MOUTH - STATION NO. 05CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	0A	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0E	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 56 N
LONG 111 55 44 W
DRAINAGE AREA, 1 470 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BULLPOUND CREEK NEAR WATTS - STATION NO. 05CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.023	0	0	0	0	0	0.007	---	---	1
2	---	---	0 B	0.063	0	0	0	0	0	0.005	---	---	2
3	---	---	0 B	0.084	0	0	0	0	0	0.004	---	---	3
4	---	---	0 B	0.061	0	0	0	0	0	0.003	---	---	4
5	---	---	0 B	0.063	0	0	0	0	0	0.003	---	---	5
6	---	---	0 B	0.069	0	0.049	0	0	0	0.002	---	---	6
7	---	---	0 B	0.061	0	0.288	0	0	0	0.002	---	---	7
8	---	---	0 B	0.049	0	0.260	0	0	0	0.001	---	---	8
9	---	---	0 B	0.043	0	0.275	0	0	0	0.001	---	---	9
10	---	---	0 B	0.037	0	0.188	0	0	0	0.001	---	---	10
11	---	---	0 B	0.030	0	0.142	0	0	0	0.001	---	---	11
12	---	---	0 B	0.023	0	0.091	0	0	0	0.001	---	---	12
13	---	---	0 B	0.019	0	0.054	0	0	0	0.001	---	---	13
14	---	---	0 B	0.015	0	0.025	0	0	0	0.001	---	---	14
15	---	---	0 B	0.009	0	0.007	0	0	0	0	---	---	15
16	---	---	0 B	0.008	0	0.003	0	0	0	0.001	---	---	16
17	---	---	0 B	0.005	0	0.002	0	0	0	0.002	---	---	17
18	---	---	0 B	0.007	0	0.002	0	0	0	0.001	---	---	18
19	---	---	0 B	0.014	0	0.001	0	0	0	0	---	---	19
20	---	---	0 B	0.009	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.005	0	0	0	0	0.005	0	---	---	21
22	---	---	0 B	0.006	0	0.001	0	0	0.048	0	---	---	22
23	---	---	0 B	0.004	0	0.001	0	0	0.058	0	---	---	23
24	---	---	0.0188	0.003	0	0.001	0	0	0.085	0	---	---	24
25	---	---	0.028	0.003	0	0	0	0	0.074	0	---	---	25
26	---	---	0.012	0.002	0	0.001	0	0	0.058	0 B	---	---	26
27	---	---	0.008	0.002	0	0	0	0	0.043	0 B	---	---	27
28	---	0B	0.013	0.001	0	0	0	0	0.030	0 B	---	---	28
29	---	0B	0.012	0.001	0	0	0	0	0.019	0 B	---	---	29
30	---		0.010	0.001	0	0	0	0	0.011	0 B	---	---	30
31	---		0.007		0		0	0		0 B		---	31
TOTAL	---	---	0.104	0.894	0	1.420	0	0	0.409	0.037	---	---	TOTAL
MEAN	---	---	0.003	0.023	0	0.047	0	0	0.014	0.001	---	---	MEAN
MAX	---	---	0.028	0.088	0	0.288	0	0	0.074	0.007	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.288 ON JUN 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.888 AT 00:21 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 43 N
LONG 112 05 00 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8.99	SEP	35.3
APR	60.3	OCT	3.20
MAY	0	NOV	---
JUN	123	DEC	---

TOTAL DISCHARGE, 231 dam³

CABIN CREEK NEAR SEEBE - STATION NO. 05BF019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003	0.003	0.003	0.003	0.008	0.042	0.034	0.018	0.011	0.011	0.007	0.004	1
2	0.003	0.003	0.003	0.003	0.005	0.046	0.033	0.018	0.010	0.013	0.007	0.004	2
3	0.003	0.003	0.003	0.003	0.005	0.043	0.031	0.015	0.010	0.015	0.007	0.003	3
4	0.005	0.003	0.003	0.003	0.004	0.044	0.031	0.015	0.010	0.016	0.007	0.003	4
5	0.005	0.003	0.003	0.003	0.008	0.053	0.031	0.015	0.009	0.015	0.007	0.003	5
6	0.004	0.003	0.003	0.003	0.008	0.054	0.031	0.014	0.010	0.013	0.007	0.003	6
7	0.004	0.003	0.003	0.003	0.008	0.058	0.028	0.013	0.010	0.013	0.007	0.003	7
8	0.004	0.003	0.003	0.003	0.010	0.080	0.027	0.013	0.009	0.012	0.007	0.004	8
9	0.004	0.003	0.003	0.003	0.011	0.069	0.026	0.013	0.008	0.012	0.007	0.004	9
10	0.004	0.003	0.003	0.003	0.010	0.078	0.025	0.013	0.010	0.011	0.007	0.004	10
11	0.004	0.003	0.003	0.003	0.010	0.103	0.025	0.013	0.010	0.011	0.008	0.004	11
12	0.004	0.003	0.003	0.003	0.011	0.092	0.024	0.012	0.012	0.010	0.008	0.004	12
13	0.004	0.003	0.003	0.003	0.013	0.091	0.024	0.013	0.011	0.010	0.008	0.004	13
14	0.004	0.003	0.003	0.004	0.018	0.088	0.023	0.012	0.011	0.010	0.008	0.004	14
15	0.004	0.003	0.003	0.005	0.037	0.081	0.022	0.012	0.010	0.010	0.008	0.004	15
16	0.004	0.003	0.003	0.008	0.047	0.078	0.021	0.011	0.010	0.009	0.008	0.004	16
17	0.004	0.003	0.003	0.011	0.036	0.071	0.021	0.011	0.010	0.009	0.008	0.004	17
18	0.003	0.003	0.003	0.012	0.038	0.065	0.020	0.011	0.010	0.002	0.008	0.004	18
19	0.003	0.003	0.003	0.009	0.046	0.061	0.019	0.012	0.008	0.010	0.008	0.004	19
20	0.003	0.003	0.003	0.009	0.042	0.055	0.019	0.011	0.010	0.009	0.008	0.004	20
21	0.003	0.003	0.003	0.010	0.038	0.051	0.023	0.011	0.010	0.009	0.008	0.004	21
22	0.003	0.003	0.003	0.014	0.040	0.048	0.021	0.010	0.010	0.008	0.008	0.004	22
23	0.003	0.003	0.003	0.011	0.038	0.048	0.020	0.010	0.010	0.008	0.008	0.004	23
24	0.003	0.003	0.003	0.009	0.031	0.048	0.018	0.010	0.010	0.008	0.008	0.004	24
25	0.003	0.003	0.003	0.008	0.028	0.044	0.018	0.010	0.010	0.009	0.008	0.004	25
26	0.003	0.003	0.003	0.008	0.028	0.042	0.017	0.010	0.010	0.009	0.005	0.004	26
27	0.003	0.003	0.003	0.007	0.030	0.042	0.017	0.014	0.010	0.008	0.003	0.004E	27
28	0.003	0.003	0.003	0.007	0.047	0.040	0.016	0.013	0.010	0.009	0.004	0.004E	28
29	0.003	0.003	0.003	0.007	0.084	0.043	0.017	0.012	0.011	0.009	0.004	0.004E	29
30	0.003		0.003	0.007	0.125	0.038	0.019	0.011	0.011	0.008	0.004	0.004E	30
31	0.003		0.003		0.082		0.017	0.011		0.007		0.004E	31
TOTAL	0.109	0.087	0.093	0.185	0.951	1.793	0.716	0.383	0.303	0.322	0.180	0.119	TOTAL
MEAN	0.004	0.003	0.003	0.006	0.031	0.060	0.023	0.012	0.010	0.010	0.006	0.004	MEAN
MAX	0.005	0.003	0.003	0.014	0.125	0.103	0.034	0.016	0.012	0.016	0.007	0.004	MAX
MIN	0.003	0.003	0.003	0.003	0.008	0.038	0.016	0.010	0.008	0.007	0.003	0.003	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.125 ON MAY 30
MINIMUM DAILY, 0.003 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.197 AT 16:09 MST ON MAY 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 33 N
LONG 115 10 00 W
DRAINAGE AREA, 2.12 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9.42	JUL	82.0
FEB	7.52	AUG	33.1
MAR	8.04	SEP	26.2
APR	16.0	OCT	27.8
MAY	82.2	NOV	15.6
JUN	155	DEC	10.3

TOTAL DISCHARGE, 453 dam³

CADOTTE RIVER AT OUTLET CADOTTE LAKE - STATION NO 07HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.120E	0.011	0.500A	3.99	4.30E	3.07	0.128	0.018	0.542	---	1
2	---	---	0.118E	0.010	0.375A	5.12	7.80E	2.81	0.117	0.018	0.550A	---	2
3	---	---	0.116E	0.011	0.282	6.11	7.40E	2.38	0.319	0.021	---	---	3
4	---	---	0.115E	0.010	0.278	6.28	7.70E	2.25	0.231	0.023	---	---	4
5	---	---	0.113E	0.011	0.278	5.91	7.30E	2.28	0.328	0.021	---	---	5
6	---	---	0.111A	0.014	0.324	7.10	7.00E	2.66	0.132	0.022	---	---	6
7	---	---	0.088	0.014	0.354	8.78	7.80E	2.79	0.142	0.022	---	---	7
8	---	---	0.086	0.018	0.369	10.2	9.00E	2.37	0.236	0.022	---	---	8
9	---	---	0.066	0.018	0.279	10.7	12.0 E	2.30 A	0.188	0.022	---	---	9
10	---	---	0.082	0.014	0.386	10.5	18.0 E	2.17 E	0.182	0.023	---	---	10
11	---	---	0.098	0.017	0.494	10.0	18.4 A	2.03 E	0.188	0.023	---	---	11
12	---	---	0.080	0.020	0.512	10.2	17.6	1.88 E	0.110	0.024	---	---	12
13	---	---	0.048	0.023	0.598	9.78	16.7	1.73 E	0.078	0.027	---	---	13
14	---	---	0.034	0.027	0.572	8.88	16.2	1.58 E	0.072	0.023	---	---	14
15	---	---	0.033	0.030	0.551	8.25	15.4	1.44 E	0.055	0.022	---	---	15
16	---	---	0.034	0.032	0.780	7.88	14.8	1.35 A	0.034	0.017	---	---	16
17	---	---	0.034	0.040	1.16	7.45	13.2	1.35	0.031	0.021	---	---	17
18	---	---	0.042	0.076	1.34	7.03	12.5	1.28	0.041	0.030	---	---	18
19	---	---	0.056	0.080	1.61	6.85	11.3	1.11	0.031	0.037	---	---	19
20	---	---	0.081	0.098	2.20	6.44	9.99	1.04	0.029	0.082	---	---	20
21	---	---	0.062	0.132	2.53 A	6.07	9.49	1.13	0.027	0.088	---	---	21
22	---	---	0.067	0.139	7.00 E	5.86	9.37	1.00	0.024	0.148	---	---	22
23	---	---	0.078	0.114	12.5 E	5.52	8.92	0.854	0.024	0.384	---	---	23
24	---	---	0.082	0.188	10.0 E	4.88	8.09	0.814	0.021	0.552	---	---	24
25	---	---	0.047	0.288	7.00 E	3.75	7.25	0.752	0.023	0.471	---	---	25
26	---	---	0.009	0.387	5.80 E	3.55	6.80	0.605	0.021	0.560	---	---	26
27	---	---	0.009	0.448	4.70 E	3.10E	5.30	0.398	0.021	0.801	---	---	27
28	---	---	0.010	0.308	4.20 E	2.85E	4.57	0.108	0.018	0.595	---	---	28
29	---	---	0.011	0.376A	3.60 E	2.40E	4.04	0.108	0.020	0.803	---	---	29
30	---		0.013	0.500A	3.40 E	3.00E	3.76	0.197	0.036	0.567	---	---	30
31	---		0.012		3.36 A		3.52	0.232		0.581		---	31
TOTAL	---	---	1.916	3.429	77.263	198.63	303.20	48.789	2.781	5.628	---	---	TOTAL
MEAN	---	---	0.062	0.114	2.48	6.62	9.78	1.48	0.092	0.182	---	---	MEAN
MAX	---	---	0.120	0.500	12.5	10.7	18.4	3.07	0.319	0.803	---	---	MAX
MIN	---	---	0.009	0.010	0.278	2.40	3.52	0.108	0.018	0.017	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 18.4A ON JUL 11
MINIMUM DAILY, 0.001 ON MAR 28
MAXIMUM INSTANTANEOUS,
18.5 AT 05:30 MST ON JUL 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 29 12 N
LONG 118 25 58 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	25 200
FEB	---	AUG	3 980
MAR	185	SEP	239
APR	295	OCT	486
MAY	5 680	NOV	---
JUN	17 200	DEC	---

TOTAL DISCHARGE, 55 200 dam³

CAIRN HILL SPILLWAY NEAR THE MOUTH - STATION NO. 05BM012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.027	0.312	0.125	1.68	0.149	0.228	0.0548	---	1
2	---	---	---	---	0.029	0.314	0.147	1.64	0.145	0.240	0.0528	---	2
3	---	---	---	---	0.032	0.249	0.133	1.15	0.143	0.214	0.0498	---	3
4	---	---	---	---	0.051	0.255	0.137	0.628	0.142	0.184	0.0468	---	4
5	---	---	---	---	0.053	0.273	0.174	0.491	0.145	0.172	0.0438	---	5
6	---	---	---	---	0.059	0.248	0.180	0.389	0.180	0.161	0.0408	---	6
7	---	---	---	---	0.074	0.744	0.167	0.367	0.210	0.150	0.0378	---	7
8	---	---	---	---	0.073	1.07	0.157	0.362	1.08	0.185	0.0348	---	8
9	---	---	---	---	0.078	1.68	0.149	0.337	0.324	0.912	0.0318	---	9
10	---	---	---	---	0.087	1.46	0.190	0.311	0.384	0.575	0.0308	---	10
11	---	---	---	---	0.084	1.30	0.191	0.313	0.378	0.187	0.0268	---	11
12	---	---	---	---	0.125	0.918	0.188	0.291	0.324	0.123	0.0108	---	12
13	---	---	---	---	0.122	0.383	0.193	0.289	0.327	0.100	0.0088	---	13
14	---	---	---	---	0.134	0.318	0.215	0.307	0.320	0.080	0 B	---	14
15	---	---	---	---	0.148	0.278	0.221	0.288	0.283	0.073	0 B	---	15
16	---	---	---	---	0.182	0.244	0.206	0.258	0.268	0.067	0 B	---	16
17	---	---	---	---	0.208	0.253	0.214	0.253	0.230	0.0608	0 B	---	17
18	---	---	---	---	0.175	0.256	0.158	0.247	0.187	0.0488	0 B	---	18
19	---	---	---	---	0.167	0.262	0.151	0.242	0.200	0.0428	0 B	---	19
20	---	---	---	---	0.188	0.252	0.152	0.239	0.235	0.0378*	0 B	---	20
21	---	---	---	---	0.184	0.248	0.221	0.234	0.304	0.0468	0 B	---	21
22	---	---	---	---	0.188	0.393	0.323	0.213	0.368	0.0618	0 B	---	22
23	---	---	---	---	0.187	0.370	0.347	0.196	0.425	0.0728	0 B	---	23
24	---	---	---	---	0.248	0.684	0.331	0.178	0.425	0.0798	0 B	---	24
25	---	---	---	---	0.288	0.378	0.308	0.188	0.327	0.0978	0 B	---	25
26	---	---	---	---	0.298	0.280	0.305	0.158	0.287	0.0888	0 B	---	26
27	---	---	---	0.015A	0.429	0.214	0.288	0.152	0.268	0.0768	0 B	---	27
28	---	---	---	0.013	0.484	0.204	0.270	0.149	0.281	0.0708	0 B	---	28
29	---	---	---	0.013	0.459	0.189	0.382	0.142	0.261	0.0658	0 B	---	29
30	---		---	0.027	0.435	0.181	0.587	0.143	0.243	0.0598	0 B	---	30
31	---		---		0.293		1.74	0.147		0.0578		---	31
TOTAL	---	---	---	---	5.811	16.178	8.548	11.954	8.898	4.619	0.457	---	TOTAL
MEAN	---	---	---	---	0.178	0.473	0.276	0.386	0.297	0.149	0.015	---	MEAN
MAX	---	---	---	---	0.484	1.68	1.74	1.68	1.08	0.912	0.054	---	MAX
MIN	---	---	---	---	0.027	0.181	0.125	0.142	0.142	0.037	0	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.292
MAXIMUM DAILY, 1.74 ON JUL 31
MINIMUM DAILY, 0.027 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 30 N
LONG 113 21 05 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	738
FEB	---	AUG	1 030
MAR	---	SEP	769
APR	---	OCT	399
MAY	478	NOV	39.5
JUN	1 230	DEC	---

TOTAL DISCHARGE, 4 840 dam³

CALLING LAKE AT RANGER STATION - STATION NO. 07CB001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	593.922	593.975	594.149	594.307	594.150	---	---	---	1
2	---	---	---	---	593.922	594.010	---	594.297	---	594.133	---	---	2
3	---	---	---	---	593.922	---	594.149	594.297	594.140	594.138	---	---	3
4	---	---	---	593.925	593.922	593.990	---	594.292	594.138	594.133	---	---	4
5	---	---	---	---	593.922	593.997	594.153	594.292	594.135	594.133	---	---	5
6	---	---	---	---	593.912	593.985	594.178	594.292	594.135	594.133	---	---	6
7	---	---	---	---	593.922	593.999	594.183	594.292	594.140	594.138	---	---	7
8	---	---	593.948	---	593.922	593.999	594.226	594.297	594.170	594.133	---	---	8
9	---	---	---	---	593.917	594.090	594.268	594.287	594.175	594.128	---	---	9
10	---	---	---	---	593.917	594.110	594.276	594.286	594.185	594.137	---	---	10
11	---	---	---	---	593.922	594.120	594.283	594.286	594.185	594.118	---	---	11
12	---	---	---	---	593.922	594.140	594.283	594.276	594.185	594.123	---	---	12
13	---	---	---	---	593.901	594.130	594.286	594.271	594.185	594.123	---	---	13
14	---	---	---	---	593.911	594.185	594.286	594.261	594.179	594.123	---	---	14
15	---	---	---	---	593.911	594.185	594.286	594.241	594.179	594.128	---	---	15
16	---	---	---	---	593.911	594.185	594.323	594.248	594.179	---	---	---	16
17	---	---	---	---	593.911	594.180	594.328	594.251	594.189	594.133	---	---	17
18	---	---	---	---	593.921	594.184	594.338	594.248	594.184	594.138	---	---	18
19	---	---	---	---	593.921	594.154	594.328	594.238	---	594.148	---	---	19
20	---	---	---	---	593.931	594.149	594.338	594.238	594.184	594.138	---	---	20
21	---	---	---	---	593.941	594.149	594.338	594.238	594.174	594.143	---	---	21
22	---	---	---	---	593.951	594.169	594.338	594.228	594.189	594.143	---	---	22
23	---	---	---	---	593.941	594.159	594.337	594.218	594.189	594.138	---	---	23
24	---	---	---	---	593.941	594.160	594.332	594.211	594.174	594.143	---	---	24
25	---	---	---	---	593.941	594.184	594.332	594.208	594.184	594.143	---	---	25
26	---	---	---	---	593.951	594.159	594.332	594.201	594.184	594.138	---	---	26
27	---	---	---	---	593.951	594.184	594.322	594.195	594.159	---	---	---	27
28	---	---	---	---	593.961	594.149	594.317	---	594.184	---	---	---	28
29	---	---	---	---	593.971	594.149	594.317	---	594.149	---	---	---	29
30	---		---	---	593.961	---	594.317	594.175	594.144	---	---	---	30
31	---		---		593.980		594.312	594.150		---		---	31
MEAN	---	---	---	---	593.930	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	593.971	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	593.901	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 594.338 ON JUL 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 13 35 N
LONG 113 12 05 W

NATURAL FLOW

DRAINAGE AREA, 1 220 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CANADIAN ST. MARY CANAL AT DROP NO. 1 - STATION NO. 05AF028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	13.8	61.2	63.5	63.2E	58.2E	45.8	---	---	1
2	---	---	---	0	16.0	60.8	64.0	63.2E	58.2E	45.6	---	---	2
3	---	---	---	0	22.3	60.3	63.1	63.2E	58.5E	45.6	---	---	3
4	---	---	---	0	25.4	60.4	62.1	61.4E	58.5E	45.5	---	---	4
5	---	---	---	0	30.1	60.3	62.0	60.6E	58.0E	45.3	---	---	5
6	---	---	---	0	28.5	60.6	61.9	60.6E	58.5A	45.2	---	---	6
7	---	---	---	0	13.1	62.7	62.0	60.8E	53.4E	45.3	---	---	7
8	---	---	---	0	10.0	63.9	62.0	60.8E	53.4E	45.2	---	---	8
9	---	---	---	0	15.7	68.3	62.1	60.8E	52.2E	44.7	---	---	9
10	---	---	---	0	30.1	69.0	61.8	60.8E	51.8E	40.8	---	---	10
11	---	---	---	0	31.9	69.1	61.3	60.8E	51.8E	40.8	---	---	11
12	---	---	---	0	34.5	68.6	60.9	60.8E	51.8E	40.8	---	---	12
13	---	---	---	0	35.2	68.2	60.8	60.8E	51.8E	40.8	---	---	13
14	---	---	---	0	35.4	64.1	60.9	60.8E	51.8E	40.7	---	---	14
15	---	---	---	0	35.2	63.5	61.4	60.8E	51.8E	40.4	---	---	15
16	---	---	---	0	34.8	63.3	61.2	60.8E	51.8E	40.1	---	---	16
17	---	---	---	0	36.2	63.4	61.4	60.8E	52.2E	40.2	---	---	17
18	---	---	---	0	40.8	63.1	61.3	60.6E	53.4E	33.5A	---	---	18
19	---	---	---	0	40.8	62.1	64.2	58.0E	52.3A	28.4B	---	---	19
20	---	---	---	0	40.6	62.4	68.7	58.0E	51.8	14.2B	---	---	20
21	---	---	---	0	40.8	63.8	73.1	57.7A	49.6	14.2B	---	---	21
22	---	---	---	0	40.8	61.2	74.2	57.4	48.8	0 B	---	---	22
23	---	---	---	0	42.0	61.8	74.2	57.5	48.4	0 B	---	---	23
24	---	---	---	0	47.8	61.5	73.8	57.9E	47.8	0 B	---	---	24
25	---	---	---	0	47.7	61.2	73.7	57.5E	48.3	0 B	---	---	25
26	---	---	---	8.08	47.8	62.0	74.0	57.5E	48.2	0 B	---	---	26
27	---	---	---	11.5	48.0	67.5	75.0	57.2E	42.1	0 B	---	---	27
28	---	---	---	11.8	48.1	63.5	75.3A	57.0E	45.8	0 B	---	---	28
29	---	---	0A	11.8	48.5	63.2	68.0E	57.2E	48.0	0 B	---	---	29
30	---		0	11.9	55.2	63.5	63.2E	57.8C	48.0	0 B	---	---	30
31	---		0		60.7		63.2E	58.2E		0 B		---	31
TOTAL	---	---	---	55.08	1 103.7	1 854.8	2 034.1	1 851.5	1 550.0	822.8	---	---	TOTAL
MEAN	---	---	---	1.84	35.6	61.8	65.6	59.7	51.7	26.5	---	---	MEAN
MAX	---	---	---	11.9	60.7	69.1	75.3	63.2	58.5	45.9	---	---	MAX
MIN	---	---	---	0	10.0	51.2	60.8	57.0	45.8	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.3
MAXIMUM DAILY, 75.3A ON JUL 28
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 05 N
LONG 112 41 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	178 000
FEB	---	AUG	160 000
MAR	---	SEP	134 000
APR	4 760	OCT	71 100
MAY	95 400	NOV	---
JUN	160 000	DEC	---

TOTAL DISCHARGE, 801 000 dam³

CANADIAN ST. MARY CANAL NEAR SPRING COULEE - STATION NO. 05AE028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.004	36.7	67.6	67.7	74.7	59.8	46.7	---	---	1
2	---	---	---	0.004	36.3	70.4	67.7	74.6	58.6	46.4	---	---	2
3	---	---	---	0.005	38.0	70.4	67.9	74.6	58.8	46.1	---	---	3
4	---	---	---	0.011	40.9	70.0	67.3	74.7	58.3	46.0	---	---	4
5	---	---	---	0.008	40.9	69.5	71.6	74.7	59.8	46.5	---	---	5
6	---	---	---	0.010	36.1	70.2	73.8	74.3	59.1	47.2	---	---	6
7	---	---	---	0.010	27.5	71.3	73.5	74.1	56.7	47.0	---	---	7
8	---	---	---	0.012	22.6	67.9	73.5	74.5	54.8	47.1	---	---	8
9	---	---	---	0.015	19.0	60.1	73.5	75.2	54.6	45.9	---	---	9
10	---	---	---	0.013	30.3	60.6	73.8	75.1	54.0	44.1	---	---	10
11	---	---	---	0.016	43.3	64.2	73.5	75.0	52.9	43.8	---	---	11
12	---	---	---	0.012	43.0	66.5	72.8	75.1	52.6	34.0	---	---	12
13	---	---	---	0.008	43.2	69.2	71.0	72.1	52.4	37.8	---	---	13
14	---	---	---	0	43.1	72.3	66.8	70.0	52.5	27.8	---	---	14
15	---	---	---	0.001	43.0	72.1	66.7	69.5	52.1	15.1	---	---	15
16	---	---	---	0.534	42.9	72.0	66.8	67.1	51.5	0.084	---	---	16
17	---	---	---	8.71	45.6	72.2	66.6	66.3	51.6	0.004	---	---	17
18	---	---	---	17.2	49.0	72.3	66.7	66.1	52.2	0.004	---	---	18
19	---	---	---	17.2	49.2	72.0	66.4	65.0	51.8	0 B	---	---	19
20	---	---	---	17.1	49.0	72.0	66.6	64.6	51.5	0 B	---	---	20
21	---	---	---	17.2	49.1	71.9	72.6	62.4	51.1	0 B	---	---	21
22	---	---	---	17.2	49.3	62.1	72.7	60.6	51.2	0 B	---	---	22
23	---	---	---	17.3	54.0	66.6	73.4	60.3	51.8	0 B	---	---	23
24	---	---	---	31.7	57.8	66.6	75.1	60.2	51.7	0 B	---	---	24
25	---	---	---	30.0	58.1	66.4	75.2	60.0	50.9	0 B	---	---	25
26	---	---	---	38.8	58.1	66.5	75.2	59.5	50.7	0 B	---	---	26
27	---	---	0 A	38.5	58.0	60.3	75.5	59.3	50.4	0 B	---	---	27
28	---	---	0.008	38.8	58.6	67.6	77.0	59.2	48.2	0 B	---	---	28
29	---	---	0.005	38.6	58.4	67.8	75.8	59.1	47.1	0 B	---	---	29
30	---		0.008	38.8	62.3	67.6	76.0	60.4	46.9	0 B	---	---	30
31	---		0.004		66.6		74.8	60.3		0 B		---	31
TOTAL	---	---	---	348.072	1 406.3	2 002.7	2 224.0	2 087.1	1 599.2	811.582	---	---	TOTAL
MEAN	---	---	---	11.6	45.4	66.8	71.7	67.8	53.3	18.7	---	---	MEAN
MAX	---	---	---	38.8	66.6	72.3	77.0	75.2	58.5	47.2	---	---	MAX
MIN	---	---	---	0	19.0	60.1	66.4	59.1	46.9	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.1
MAXIMUM DAILY, 77.0 ON JUL 28
MINIMUM DAILY, 0 ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 38 N
LONG 113 02 36 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	192 000
FEB	---	AUG	181 000
MAR	---	SEP	138 000
APR	30 100	OCT	82 800
MAY	122 000	NOV	---
JUN	173 000	DEC	---

TOTAL DISCHARGE, 889 000 dam³

CARDINAL RIVER NEAR THE MOUTH - STATION NO. 05BD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.488	9.70E	6.45	3.15	1.97	3.53	1.488	---	1
2	---	---	---	---	1.488	7.50E	5.16	3.12	1.94	4.09	---	---	2
3	---	---	---	---	1.488	7.20E	4.61	3.85	1.82	5.89	---	---	3
4	---	---	---	---	1.488	7.40E	5.03	3.50	1.82	7.51	---	---	4
5	---	---	---	---	1.508	7.70E	5.26	4.93	1.79	7.53	---	---	5
6	---	---	---	---	1.578	8.00E	5.89	3.98	3.88	6.80	---	---	6
7	---	---	---	---	1.90E	10.5 E	5.00	3.82	5.78	5.85	---	---	7
8	---	---	---	---	2.40E	11.7 E	4.37	3.15	4.12	7.15	---	---	8
9	---	---	---	---	2.86A	11.0 E	4.16	2.91	3.45	7.50	---	---	9
10	---	---	---	---	2.59	10.0 E	4.23	2.83	3.29	6.04	---	---	10
11	---	---	---	---	2.55	11.6 E	4.68	2.84	3.21	5.33	---	---	11
12	---	---	---	---	2.51	12.7 E	4.72	2.74	3.29	5.12	---	---	12
13	---	---	---	---	2.94	13.7 A	5.08	2.85	3.35	4.78	---	---	13
14	---	---	---	---	3.42	14.8	4.99	2.82	3.14	4.36	---	---	14
15	---	---	---	---	4.08	17.8	4.37	2.80	2.94	4.12	---	---	15
16	---	---	---	---	5.85	15.8	4.45	2.47	2.82	4.14	---	---	16
17	---	---	---	---	6.37	11.8	4.45	2.40	2.95	3.74	---	---	17
18	---	---	---	---	5.67	8.33	4.36	2.38	3.81	3.74	---	---	18
19	---	---	---	---	4.83	8.83	4.21	2.33	3.83	3.67	---	---	19
20	---	---	---	---	4.66	7.87	4.03	2.30	3.83	3.95	---	---	20
21	---	---	---	---	3.96	7.86	3.85	2.27	4.50	3.85	---	---	21
22	---	---	---	---	3.46	10.8	3.80	2.18	4.12	3.60B	---	---	22
23	---	---	---	---	3.27	12.7	3.47	2.12	3.78	3.10B	---	---	23
24	---	---	---	---	3.06	12.2	3.30	2.15	3.55	2.95B	---	---	24
25	---	---	---	1.51B	2.88	11.0	3.18	2.08	3.44	2.80B	---	---	25
26	---	---	---	1.50B	2.78	9.55	3.23	1.98	3.21	2.30B	---	---	26
27	---	---	---	1.49B	2.80	10.3	3.35	2.08	3.05	1.60B	---	---	27
28	---	---	---	1.48B	2.88A	11.0	3.27	2.37	3.09	1.40B	---	---	28
29	---	---	---	1.48B	4.00E	11.1	3.21	2.10	3.11	1.42B	---	---	29
30	---		---	1.48B	5.40E	9.28	3.26	1.88	3.26	1.44B	---	---	30
31	---		---		12.1 E		3.26	1.98		1.45B		---	31
TOTAL	---	---	---	---	108.88	321.23	132.99	83.56	98.27	131.24	---	---	TOTAL
MEAN	---	---	---	---	3.52	10.7	4.29	2.70	3.28	4.23	---	---	MEAN
MAX	---	---	---	---	12.1	17.8	5.45	4.93	5.78	7.53	---	---	MAX
MIN	---	---	---	---	1.48	7.20	3.18	1.98	1.79	1.40	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.76
MAXIMUM DAILY, 17.8 ON JUN 15
MINIMUM DAILY, 1.40B ON OCT 28
MAXIMUM INSTANTANEOUS,
17.7 AT 10.36 MST ON JUN 15

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 04 N
LONG 116 36 43 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 500
FEB	---	AUG	7 220
MAR	---	SEP	8 480
APR	---	OCT	11 300
MAY	5 420	NOV	---
JUN	27 900	DEC	---

TOTAL DISCHARGE, 75 700 dam³

CASCADE POWER DIVERSION NEAR BANFF - STATION NO 05BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.23	8.94	7.28	5.71	2.08	0.378	0.383	8.78	22.3	20.3	5.94	8.61	1
2	7.45	10.1	7.40	8.67	2.07	0.377	0.383	7.30	22.8	18.8	5.72	5.83	2
3	8.70	9.81	7.37	11.3	2.80	0.377	0.383	5.90	22.5	19.8	5.88	8.37	3
4	7.77	8.31	7.36	11.5	3.31	8.86	0.381	0.171	22.7	2.14	4.22	7.47	4
5	8.80	8.75	7.27	11.3	0.414	14.2	0.388	0.337	22.8	0.003	5.16	8.26	5
6	8.83	10.3	7.11	11.3	0.418	17.1	0.380	2.70	23.2	5.30	2.49	7.67	6
7	8.88	10.0	7.65	11.2	4.31	14.4	0.380	0.334	16.8	14.5	4.27	7.17	7
8	8.54	10.2	7.37	8.24	3.33	8.69	0.382	8.47	20.0	14.4	5.95	5.55	8
9	8.87	10.2	7.23	11.3	3.18	0.389	3.76	8.88	17.6	15.8	7.16	5.88	9
10	8.71	10.8	5.84	12.1	5.27	0.384	0.371	8.87	22.7	17.2	5.77	6.91	10
11	8.73	8.84	8.91	11.3	8.14	0.373	0.374	0.367	18.8	18.7	2.75	7.13	11
12	10.3	8.83	5.81	11.2	5.45	0.382	0.373	0.337	23.4	16.8	5.63	5.85	12
13	8.45	11.3	5.91	7.55	8.84	0.383	0.370	0.345	23.0	17.5	5.83	7.32	13
14	7.48	9.10	8.02	7.14	12.8	0.358	0.385	0.382	22.8	17.4	8.73	7.10	14
15	8.84	11.8	8.47	7.17	9.62	0.376	0.380	0.358	23.0	11.9	5.71	5.72	15
16	7.22	8.87	8.37	7.35	8.73	0.378	0.359	2.91	22.9	11.5	5.72	5.48	16
17	7.49	9.05	8.43	3.41	8.76	0.383	3.85	7.04	22.9	13.7	8.07	7.83	17
18	7.21	8.89	8.15	2.88	8.72	0.382	0.388	11.8	22.8	8.39	8.10	8.58	18
19	7.48	8.00	7.78	3.07	0.406	0.381	0.392	11.9	14.1	3.01	5.83	8.63	19
20	8.17	8.83	8.78	0.384	0.402	0.380	0.388	14.4	3.11	5.72	7.23	7.24	20
21	7.43	9.02	7.41	0.381	0.400	0.393	0.389	14.2	1.12	8.84	7.85	7.10	21
22	7.56	8.85	7.25	0.384	8.80	0.383	0.421	17.2	0.359	11.4	5.71	5.70	22
23	8.82	8.86	8.11	2.65	8.56	0.382	18.0	20.8	0.351	5.78	5.47	0.113	23
24	8.73	9.22	5.84	8.74	5.87	0.382	20.5	22.5	8.13	2.88	5.80	0.128	24
25	8.84	7.83	5.85	4.37	8.83	0.384	20.0	22.5	4.08	5.74	5.88	0.091	25
26	8.77	8.12	5.86	4.54	8.68	0.378	20.0	22.9	7.13	0.849	8.38	0.0858	26
27	8.76	8.87	8.44	4.44	8.45	0.382	14.5	13.7	6.41	0.458	8.61	0.1428	27
28	8.81	7.16	5.80	2.54	8.11	0.386	18.1	0.358	13.2	0.234	8.58	0.1138	28
29	9.04	7.72	8.36	0.403	5.88	0.385	17.1	13.9	20.3	3.94	8.57	0.1138	29
30	8.22		5.83	2.14	8.19	0.384	17.2	14.1	20.7	3.89	8.52	0.1138	30
31	10.3		5.90		0.381		17.2	22.6		5.73		0.1138	31
TOTAL	254.02	258.83	208.53	191.882	188.989	70.492	175.774	379.298	493.000	301.484	181.50	157.508	TOTAL
MEAN	8.19	8.82	6.73	6.40	6.38	2.35	5.67	8.01	16.4	9.73	6.05	5.08	MEAN
MAX	10.3	11.8	8.78	12.1	12.8	17.1	20.5	22.9	23.4	20.3	8.61	8.63	MAX
MIN	5.54	5.89	5.80	0.381	0.381	0.382	0.359	0.171	0.351	0.003	2.49	0.091	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.48
MAXIMUM DAILY, 23.4 ON SEP 13
MINIMUM DAILY, 0.003 ON OCT 5

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 57 N
LONG 115 30 08 W

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 800	JUL	15 200
FEB	22 400	AUG	24 100
MAR	18 000	SEP	42 600
APR	16 500	OCT	26 000
MAY	14 400	NOV	15 700
JUN	8 090	DEC	13 800

TOTAL DISCHARGE, 237 000 dam³

CASCADE RIVER ABOVE LAKE MINNEWANKA - STATION NO. 05BD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.01	8.65	18.5	8.47	4.84	3.69	---	---	1
2	---	---	---	---	2.01	8.54	12.8	7.26	4.58	3.66	---	---	2
3	---	---	---	---	1.89	7.32	10.8	10.1	4.36	3.68	---	---	3
4	---	---	---	---	2.00	8.04	10.8	7.78	4.18	3.78	---	---	4
5	---	---	---	---	2.00	8.38	11.5	7.81	3.99	3.88	---	---	5
6	---	---	---	---	2.01	8.45	13.0	8.02	4.26	3.76	---	---	6
7	---	---	---	---	2.01	11.4	10.2	7.11	4.18	3.62	---	---	7
8	---	---	---	---	2.01	13.1	8.83	6.37	4.01	3.78	---	---	8
9	---	---	---	---	2.00	10.4	8.05	6.15	3.89	3.99	---	---	9
10	---	---	---	---	2.00	8.77	8.09	6.36	3.82	3.81	---	---	10
11	---	---	---	---	1.98	13.4	9.17	8.21	3.90	3.67	---	---	11
12	---	---	---	---	2.00	16.8	9.51	6.03	4.46	3.55	---	---	12
13	---	---	---	---	1.99	22.5	8.99	6.19	4.36	3.44	---	---	13
14	---	---	---	---	2.08	24.5	8.39	5.89	4.36	3.28	---	---	14
15	---	---	---	---	2.82	26.1	8.13	5.30	4.30	3.19	---	---	15
16	---	---	---	---	3.68	23.5	8.37	5.04	4.37	3.11	---	---	16
17	---	---	---	---	3.20	17.8	8.58	4.95	4.46	3.05	---	---	17
18	---	---	---	---	2.84	13.2	8.54	5.21	6.33	2.88	---	---	18
19	---	---	---	---	2.92	11.8	8.05	5.14	6.59	2.93	---	---	19
20	---	---	---	---	3.22	11.3	7.51	4.78	5.90	2.838	---	---	20
21	---	---	---	---	2.78	11.8	7.43	4.54	5.58	2.738	---	---	21
22	---	---	---	---	2.59	9.77	8.48	4.40	5.15	2.688	---	---	22
23	---	---	---	---	2.64	13.1	8.18	4.30	4.80	2.678	---	---	23
24	---	---	---	1.98A	2.48	15.8	8.10	4.34	4.47	2.758	---	---	24
25	---	---	---	2.02	2.53	18.7	8.27	4.20	4.38	2.678	---	---	25
26	---	---	---	2.03	2.43	15.8	7.02	4.11	4.15	2.538	---	---	26
27	---	---	---	2.02	2.41	17.9	7.58	6.81	3.83	2.348	---	---	27
28	---	---	---	2.02	2.88	18.3	7.25	6.86	3.60	2.188	---	---	28
29	---	---	---	2.00	5.49	24.3	7.04	5.86	3.78	1.988	---	---	29
30	---	---	---	2.00	19.5	26.5	7.00	5.31	3.73	1.558	---	---	30
31	---		---		19.5		6.82	5.02		1.548		---	31
TOTAL	---	---	---	---	111.71	449.40	270.28	183.72	135.39	94.79	---	---	TOTAL
MEAN	---	---	---	---	3.60	15.0	8.72	5.93	4.51	3.06	---	---	MEAN
MAX	---	---	---	---	19.5	34.3	18.5	10.1	6.59	3.99	---	---	MAX
MIN	---	---	---	---	1.98	8.04	8.10	4.11	3.73	1.84	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.77
MAXIMUM DAILY, 34.3 ON JUN 29
MINIMUM DAILY, 1.548 ON OCT 31
MAXIMUM INSTANTANEOUS,
43.4 AT 20:15 MST ON JUN 29

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 15 N
LONG 115 32 00 W
DRAINAGE AREA, 454 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23 400
FEB	---	AUG	15 900
MAR	---	SEP	11 700
APR	---	OCT	8 190
MAY	9 850	NOV	---
JUN	38 800	DEC	---

TOTAL DISCHARGE, 108 000 dam³

CASTLE RIVER AT RANGER STATION - STATION NO. 05AA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.58	1.38	5.40	37.6	17.4	4.09	2.18	2.72	---	---	1
2	---	---	1.58	1.37	8.41	28.6	15.2	4.14	2.09	2.78	---	---	2
3	---	---	1.68	1.37	8.49	25.3	13.9	4.09	2.05	2.67	---	---	3
4	---	---	1.83	1.42	6.36	23.7	12.9	3.83	2.02	3.07	---	---	4
5	---	---	1.91	1.48	5.31	23.4	12.3	3.80	1.94	3.29	---	---	5
6	---	---	1.48	1.52	5.22	24.3	11.6	3.70	2.18	3.56	---	---	6
7	---	---	1.47	1.51	5.04	25.4	11.3	3.58	2.07	3.71	---	---	7
8	---	---	1.50	1.56	5.04	26.3	10.6	3.51	2.01	3.77	---	---	8
9	---	---	1.53	1.60	5.61	26.3	9.71	3.42	2.41	3.75	---	---	9
10	---	---	1.56	1.60	7.49	24.2	8.96	3.29	2.19	3.71	---	---	10
11	---	---	1.58	1.60	7.65	23.3	8.46	3.24	2.19	3.69	---	---	11
12	---	---	1.51	1.59	6.16	23.2	8.07	3.22	2.24	3.68	---	---	12
13	---	---	1.60	1.62	6.67	24.3	7.84	3.29	2.19	3.81	---	---	13
14	---	---	1.58	1.67	11.3	26.5	7.29	3.12	2.17	3.65	---	---	14
15	---	---	1.95	1.75	21.3	31.2	6.87	3.04	2.17	3.54	---	---	15
16	---	---	1.98	2.05	27.9	33.9	6.49	3.01	2.11	3.48	---	---	16
17	---	---	1.49	3.98	25.7	32.9	6.22	2.92	2.08	3.41	---	---	17
18	---	---	1.43	8.40	22.8	29.6	5.95	2.87	2.07	3.35	---	---	18
19	---	---	1.41	11.4	22.6	27.0	5.80	2.74	2.08	3.25	---	---	19
20	---	---	1.42	12.1	26.2	25.3	5.48	2.68	2.25	3.14	---	---	20
21	---	---	1.54	11.7	28.0	25.9	5.28	2.59	2.53	3.05	---	---	21
22	---	1.768	1.55	12.4	23.7	25.3	5.17	2.54	2.51	2.95	---	---	22
23	---	1.728	1.54	12.5	22.3	23.0	4.99	2.43	2.59	2.88	---	---	23
24	---	1.698	1.57	11.7	21.2	22.6	4.78	2.39	2.54	2.80	---	---	24
25	---	1.66	1.48	10.9	19.8	23.7	4.54	2.38	2.57	2.80	---	---	25
26	---	1.58	1.45	9.77	18.4	24.0	4.48	2.26	2.55	2.81	---	---	26
27	---	1.63	1.44	8.73	17.4	23.6	4.34	2.19	2.58	2.84	---	---	27
28	---	1.61	1.41	8.03	17.4	22.7	4.33	2.23	2.59	2.82	---	---	28
29	---	1.59	1.44	7.20	22.1	21.5	4.40	2.15	2.62	2.728	---	---	29
30	---		1.44	8.73	36.8	19.9	4.42	2.16	2.66	2.638	---	---	30
31	---		1.41		48.9		4.25	2.22		1.638		---	31
TOTAL	---	---	47.72	180.63	525.48	774.5	243.29	93.17	68.40	98.36	---	---	TOTAL
MEAN	---	---	1.54	5.35	17.0	25.8	7.85	3.01	2.28	3.17	---	---	MEAN
MAX	---	---	1.95	12.5	48.9	37.6	17.4	4.14	2.66	3.81	---	---	MAX
MIN	---	---	1.41	1.37	5.04	19.9	4.25	2.15	1.94	1.63	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 48.9 ON MAY 31
MINIMUM DAILY, 1.37 ON APR 2
MAXIMUM INSTANTANEOUS,
52.9 AT 07:51 MST ON MAY 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 55 N
LONG 114 20 20 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21 050
FEB	---	AUG	8 050
MAR	4 120	SEP	6 910
APR	13 500	OCT	8 500
MAY	45 400	NOV	---
JUN	66 900	DEC	---

TOTAL DISCHARGE, 174 000 dam³

CASTLE RIVER NEAR BEAVER MINES - STATION NO. 05AA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.630	3.700	2.82	3.57	10.7	41.3	27.1	5.13	3.11	3.96	3.660	3.100	1
2	4.700	3.620	2.58	3.90	10.8	47.1	23.1	5.12	2.95	4.22	3.650	3.220	2
3	6.100	3.58	2.86	3.81	11.3	41.1	20.5	5.66	3.88	4.61	4.010	3.100	3
4	8.000	3.39	2.53	3.75	10.8	38.8	19.3	5.05	2.67	4.81	3.610	3.200	4
5	5.370	3.31	2.66	3.05	10.5	38.4	18.4	5.80	2.78	4.96	3 630	2.900	5
6	5.000	3.23	2.80	3.43	10.5	40.6	17.8	5.71	2.83	5.07	3.800	2.720	6
7	4.850	3.30	2.61	3.48	10.4	42.5	17.2	5.41	3.05	5.14	3.700	2.720	7
8	4.800	3.16	2.80	3.63	10.7	44.2	15.9	5.16	2.94	5.16	3.830	2.760	8
9	5.030	3.21	2.53	3.73	12.2	44.3	14.7	5.02	3.04	5.10	3.740	2.630	9
10	5.140	3.31	2.84	3.74	12.9	40.8	13.4	4.78	3.04	4.96	3.720	2.700	10
11	5.000	3.57	2.61	3.77	13.2	39.0	13.0	4.87	3.41	4.88	3.370	2.570	11
12	4.750	3.19	2.49	3.75	13.9	38.4	12.3	4.84	3.47	4.83	3.280	2.420	12
13	4.350	3.12	2.28	3.74	14.8	40.8	11.9	4.78	3.39	5.27	3.420	2.330	13
14	4.000	3.16	2.16	3.84	18.7	44.5	11.2	4.50A	3.30	4.98	3.490	2.500	14
15	4.200	3.48	2.63	4.78	38.4A	52.2	10.5	4.38E	3.22	4.88	3.110	2.100	15
16	3.800	3.41	3.12	8.58	56.0A	58.5	9.98	4.25E	3.10	4.78	3.240	1.700	16
17	3.300	3.36	2.70	10.7	48.1	53.6	9.54	4.14E	3.03	4.65	3.520	1.650	17
18	3.300	3.20	2.52	18.7	41.7	46.5	9.15	4.02A	2.97	4.55	3.360	1.780	18
19	3.200	3.42	2.63	21.4	40.8	43.9	8.77	3.90	2.96	4.48	3.230	2.400	19
20	3.300	3.29	2.60	23.8	50.6	40.7	8.38	3.78	3.27	4.20	3.090	2.440	20
21	3.400	3.12	2.78	21.8	50.0	42.4	8.11	3.84	4.10	4.07	3.030	2.350	21
22	3.450	2.88	3.07	23.4	42.6	42.8	7.86	3.83	4.13	4.15	2.860	2.200	22
23	3.530	3.00	3.01	22.4	36.3	37.7	7.45	3.62	4.17	3.84	2.880	1.850	23
24	3.600	3.17	2.95	18.7	37.8	37.1	7.15	3.32	3.81	3.86	3.000	2.100	24
25	3.820	3.04	2.73	17.6	36.8	38.8	6.86	3.22	3.80	4.00	2.800	1.780	25
26	3.730	2.78	2.65	16.2	33.0	35.2	6.68	3.07	3.85	4.19	2.650	1.550	26
27	3.760	3.00	2.80	14.3	31.3	36.2	6.65	2.81	3.81	3.80	2.500	1.400	27
28	3.800	2.75	2.58	13.2	31.0	36.4	6.58	2.83	3.74	3.750	2.650	1.330	28
29	3.800	2.74	2.61	12.0	37.6	33.8	6.81	2.82	3.78	3.570	2.640	1.270	29
30	3.770		2.66	11.1	58.8	31.6	7.01	2.88	3.85	3.740	2.300	1.380	30
31	3.760		2.85		77.8		6.49	3.00		3.690		1.450	31
TOTAL	129.33	93.85	81.05	302.37	830.4	1 274.3	370.17	134.65	102.23	136.97	98.36	65.80	TOTAL
MEAN	4.17	3.33	2.61	10.1	26.7	42.5	11.9	4.34	3.41	4.41	3.28	2.12	MEAN
MAX	8.00	3.70	3.12	23.8	77.8	81.3	27.1	5.66	4.17	5.27	4.01	2.83	MAX
MIN	3.20	2.74	2.16	2.50	10.4	31.6	5.49	2.89	2.78	2.57	2.30	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 77.8 ON MAY 31
MINIMUM DAILY, 1.270 ON DEC 29
MAXIMUM INSTANTANEOUS,
81.8 AT 09:10 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 20 N
LONG 114 08 40 W
DRAINAGE AREA, 826 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 200	JUL	32 000
FEB	8 050	AUG	11 400
MAR	7 000	SEP	8 530
APR	26 100	OCT	11 800
MAY	79 500	NOV	8 500
JUN	110 000	DEC	5 690

TOTAL DISCHARGE, 320 000 dam³

CATARACT CREEK NEAR FORESTRY ROAD - STATION NO. 05BL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1318	0.1268	0.1248	0.2028	0.4308	4.48	3.31	0.824	0.422	0.486	0.3748	0.2598	1
2	0.1378	0.1138	0.1258	0.2088	0.4808	3.70	2.89	0.819	0.413	0.526	0.3688	0.2458	2
3	0.1408	0.1098	0.1248	0.2038	0.5208	3.58	2.51	0.803	0.400	0.546	0.3658	0.2468	3
4	0.2788	0.1068	0.1248	0.2018	0.5008	3.62	2.31	0.783	0.388	0.542	0.3618	0.2428	4
5	0.2448	0.1078	0.1158	0.2308	0.480	4.33	2.24	0.748	0.385	0.540	0.3528	0.2398	5
6	0.2278	0.1088	0.1128	0.2618	0.482	4.89	2.11	0.727	0.382	0.583	0.3508	0.2438	6
7	0.2348	0.1308	0.1108	0.2608	0.4708	5.21	1.93	0.700	0.413	0.580	0.3508	0.2458	7
8	0.2468	0.1238	0.1148	0.2558	0.580	5.36	1.78	0.662	0.388	0.572	0.3468	0.2578	8
9	0.2488	0.1148	0.1138	0.2658	0.641	7.41	1.66	0.637	0.393	0.551	0.3438	0.2608	9
10	0.1908	0.1138	0.1178	0.2708	0.6408	5.45	1.69	0.619	0.393	0.531	0.3408	0.2568	10
11	0.1828	0.1138	0.1218	0.2808	0.5908	5.18	1.50	0.608	0.427	0.526	0.3318	0.2648	11
12	0.1848	0.1178	0.1808	0.2888	0.582	5.37	1.44	0.590	0.484	0.518	0.3378	0.2628	12
13	0.1878	0.1178	0.1758	0.2848	0.698	5.37	1.40	0.575	0.432	0.512	0.3408	0.2448	13
14	0.1858	0.1198	0.1758	0.3238	1.50	5.78	1.34	0.558	0.413	0.487	0.3368	0.2358	14
15	0.1678	0.1258	0.1808	0.4208	3.08	7.38	1.30	0.542	0.393	0.4708	0.3078	0.2368	15
16	0.1568	0.1288	0.1778	0.718	5.25	7.18	1.24	0.524	0.378	0.4698	0.2998	0.2288	16
17	0.1578	0.1308	0.1788	0.883	3.89	6.33	1.20	0.513	0.362	0.4388	0.3158	0.2238	17
18	0.1588	0.1318	0.1808	0.878	3.14	5.69	1.14	0.521	0.346	0.3268	0.3208	0.2178	18
19	0.1578	0.1308	0.1818	0.781	3.60	5.23	1.08	0.541	0.350	0.3518	0.3208	0.1998	19
20	0.1568	0.1278	0.1908	0.724	3.67	5.69	1.06	0.523	0.396	0.4008	0.3228	0.1878	20
21	0.1518	0.1188	0.1888	0.638	2.62	5.16	1.16	0.492	0.505	0.4058	0.3238	0.1828	21
22	0.1488	0.1288	0.2088	0.9108	2.31	5.61	1.10	0.471	0.488	0.4038	0.3248	0.1758	22
23	0.1508	0.1258	0.2088	0.7808	2.49	6.05	1.06	0.451	0.438	0.4008	0.3258	0.1718	23
24	0.1438	0.1238	0.2108	0.6708	3.20	6.43	1.01	0.448	0.406	0.3918	0.3248	0.1688	24
25	0.1318	0.1258	0.2058	0.5608	1.96	5.86	0.964	0.448	0.438	0.3958	0.3208	0.1678	25
26	0.1268	0.1228	0.2028	0.5008	1.91	5.32	0.952	0.436	0.421	0.3808	0.2678	0.1678	26
27	0.1258	0.1278	0.2018	0.5158	1.95	4.88	0.958	0.438	0.363	0.3628	0.2658	0.1698	27
28	0.1268	0.1368	0.1968	0.5108	2.43	4.63	0.952	0.588	0.384	0.3468	0.2748	0.1638	28
29	0.1248	0.1258	0.1968	0.5008	4.78	4.36	0.968	0.488	0.426	0.3518	0.2728	0.1678	29
30	0.1258		0.1938	0.4008	8.07	3.89	0.958	0.438	0.480	0.3768	0.2668	0.1678	30
31	0.1238		0.1878		8.70		0.880	0.434		0.3778		0.1468	31
TOTAL	5.160	3.508	5.124	14.183	88.503	188.42	46.087	17.878	13.247	14.470	9.777	6.586	TOTAL
MEAN	0.166	0.121	0.165	0.473	2.24	5.65	1.49	0.577	0.408	0.467	0.326	0.212	MEAN
MAX	0.276	0.131	0.210	0.983	8.07	7.41	3.31	0.824	0.505	0.546	0.374	0.260	MAX
MIN	0.123	0.106	0.110	0.301	0.420	3.89	0.880	0.434	0.348	0.335	0.268	0.146	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 8.07 ON MAY 30
MINIMUM DAILY, 0.1068 ON FEB 8
MAXIMUM INSTANTANEOUS,
11.5 AT 16:30 MST ON MAY 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 04 N
LONG 114 35 25 W
DRAINAGE AREA, 185 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	446	JUL	3 980
FEB	303	AUG	1 840
MAR	443	SEP	1 080
APR	1 230	OCT	1 350
MAY	5 010	NOV	845
JUN	14 600	DEC	589

TOTAL DISCHARGE, 33 300 dam³

CAVAN LAKE DIVERSION NEAR DUNMORE - STATION NO. 05AH044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	02	0 B	0.045	0	0	0	0	0	0	---	---	1
2	---	05	0 B	0.028	0	0	0	0	0	0	---	---	2
3	---	08	0 B	0.020	0	0	0	0	0	0	---	---	3
4	---	08	0 B	0.024	0	0	0	0	0	0	---	---	4
5	---	08	0 B	0.020	0	0	0	0	0	0	---	---	5
6	---	08	0 B	0	0	0	0	0	0	0	---	---	6
7	---	08	0 B	0	0	0	0	0	0	0	---	---	7
8	---	08	0 B	0	0	0	0	0	0	0	---	---	8
9	---	08	0 B	0	0	0	0	0	0	0	---	---	9
10	---	08	0 B	0	0	0	0	0	0	0	---	---	10
11	---	08	0 B	0	0	0	0	0	0	0	---	---	11
12	---	08	0 B	0	0	0	0	0	0	0	---	---	12
13	---	08	0 B	0	0	0	0	0	0	0	---	---	13
14	---	08	0 B	0	0	0	0	0	0	0	---	---	14
15	---	08	0 B	0	0	0	0	0	0	0	---	---	15
16	---	08	0 B	0	0	0	0	0	0	0	---	---	16
17	---	08	0 B	0	0	0	0	0	0	0	---	---	17
18	---	08	0 B	0	0	0	0	0	0	0	---	---	18
19	---	08	0 B	0	0	0	0	0	0	0	---	---	19
20	---	08	0 B	0	0	0	0	0	0	0	---	---	20
21	---	08	0 B	0	0	0	0	0	0	0	---	---	21
22	---	08	0 B	0	0	0	0	0	0	0	---	---	22
23	---	08	0 B	0	0	0	0	0	0	0	---	---	23
24	---	08	0.1148	0	0	0	0	0	0	0	---	---	24
25	---	08	0.2338	0	0	0	0	0	0	0	---	---	25
26	08	08	0.121	0	0	0	0	0	0	0	---	---	26
27	08	08	0.110	0	0	0	0	0	0	0	---	---	27
28	08	08	0.087	0	0	0	0	0	0	0	---	---	28
29	08	08	0.043	0	0	0	0	0	0	0A	---	---	29
30	08		0.055	0	0	0	0	0	0	0E	---	---	30
31	08		0.045		0		0	0		0E		---	31
TOTAL	---	0	0.818	0.137	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.026	0.005	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.253	0.045	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.2338 ON MAR 25
MINIMUM DAILY, 08 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 50 N
LONG 110 38 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR TO 7		SEP	0
APR 11 &		OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 82.5 dam^3

CAVAN LAKE NEAR DUNMORE - STATION NO. 05AH044

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	807.633	807.592	807.685	807.593	807.135	806.725	805.641	805.320	805.201	---	---	1
2	---	807.625	807.595	807.669	807.593	807.086	806.702	805.589	805.216	805.217	---	---	2
3	---	807.623	807.593	807.666	807.584	807.032	806.706	805.514	805.208	805.200	---	---	3
4	---	807.618	807.592	807.667	807.582	807.017	806.707	805.485	805.216	805.206	---	---	4
5	---	807.627	807.591	807.664	807.578	807.017	806.704	805.451	805.215	805.212	---	---	5
6	---	807.625	807.588	807.665	807.578	807.010	806.702	805.448	805.238	805.178	---	---	6
7	---	807.628	807.587	807.668	807.583	806.998	806.673	805.432	805.213	805.171	---	---	7
8	---	807.627	807.588	807.666	807.582	806.987	806.658	805.417	805.205	805.167	---	---	8
9	---	807.618	807.588	807.666	807.587	806.991	806.650	805.413	805.206	805.167	---	---	9
10	---	807.620	807.589	807.669	807.588	806.991	806.591	805.416	805.206	805.166	---	---	10
11	---	807.614	807.588	807.663	807.588	806.988	806.535	805.391	805.205	804.880	---	---	11
12	---	807.616	807.592	807.660	807.583	806.932	806.490	805.383	805.205	---	---	---	12
13	---	807.614	807.600	807.655	807.581	806.898	806.422	805.380	805.206	---	---	---	13
14	---	807.612	807.602	807.655	807.585	806.880	806.341	805.362	805.206	---	---	---	14
15	---	807.610	807.610	807.657	807.582	806.827	806.276	805.357	805.216	---	---	---	15
16	---	807.606	807.612	807.648	807.578	806.813	806.241E	805.348	805.206	---	---	---	16
17	---	807.602	807.615	807.635	807.572	806.801	806.206E	805.344	805.210	---	---	---	17
18	---	807.605	807.616	807.631	807.582	806.783	806.171E	805.333	805.204	---	---	---	18
19	---	807.604	807.618	807.632	807.581	806.784	806.136E	805.321	805.186	---	---	---	19
20	---	807.604	807.621	807.633	807.584	806.776	806.101E	805.310	805.180	---	---	---	20
21	---	807.601	807.631	807.637	807.538	806.776	806.068E	805.303	805.202	---	---	---	21
22	---	807.598	807.626	807.630	807.520	806.777	806.031E	805.297	805.204	---	---	---	22
23	---	807.595	807.638	807.620	807.518	806.788	805.986E	805.293	805.209	---	---	---	23
24	---	807.598	807.632	807.615	807.492	806.781	805.951E	805.290	805.207	---	---	---	24
25	---	807.595	807.631	807.605	807.453	806.770	805.926E	805.288	805.207	---	---	---	25
26	807.613A	807.595	807.634	807.593	807.409	806.783	805.891E	805.278	805.201	---	---	---	26
27	807.624	807.595	807.644	807.586	807.384	806.767	805.862	805.271	805.206	---	---	---	27
28	807.631	807.600	807.655	807.585	807.380	806.752	805.842	805.232	805.206	---	---	---	28
29	807.634	807.592	807.656	807.583	807.333	806.764	805.823	805.237	805.196	---	---	---	29
30	807.635		807.659	807.588	807.281	806.741	805.785	805.228	805.192	---	---	---	30
31	807.633		807.662		807.216		805.709	805.220		---		---	31
MEAN	---	807.610	807.614	807.638	807.515	806.878	806.278	805.382	805.207	---	---	---	MEAN
MAX	---	807.633	807.662	807.669	807.593	807.135	806.725	805.641	805.238	---	---	---	MAX
MIN	---	807.592	807.587	807.583	807.216	806.741	805.709	805.320	805.166	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 807.669 ON APR 2

MAXIMUM INSTANTANEOUS,
807.673 AT 14:37 MST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 38 N
LONG 110 23 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHAIN LAKES RESERVOIR NEAR NANTON - STATION NO. 05AB037

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1295.945	1295.519	1295.291	---	---	---	1
2	---	---	---	1294.702	1294.946	---	---	1295.519	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	1295.342	1295.954	---	---	---	---	---	4
5	---	---	1294.610	1294.685	---	---	1295.957	1295.597	---	---	---	---	5
6	---	---	---	---	---	---	1295.959	---	---	---	---	---	6
7	---	---	---	---	1294.970	---	1295.959	---	1295.189	---	---	---	7
8	---	---	---	---	---	---	---	1295.580	1295.175	---	---	---	8
9	---	---	---	1294.782	---	---	---	1295.557	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	1294.782	---	1295.557	1295.959	1295.531	---	---	---	---	11
12	---	---	---	---	---	---	1295.959	---	---	---	---	---	12
13	---	---	---	---	---	---	1295.938	---	---	---	---	---	13
14	---	---	---	---	---	---	1295.911	---	---	---	---	---	14
15	---	---	---	---	---	---	1295.883	1295.502	---	---	---	---	15
16	---	---	---	1294.854	---	---	1295.883	---	---	---	---	---	16
17	---	---	---	1294.909	1295.005	---	1295.841	---	---	---	---	---	17
18	---	---	---	---	---	---	1295.795	---	1295.059	---	---	---	18
19	---	---	---	---	---	1295.707	1295.785	---	---	---	---	---	19
20	---	---	---	---	---	---	1295.759	1295.438	1295.045	---	---	---	20
21	---	---	---	---	---	---	1295.731	---	---	---	---	---	21
22	---	---	---	---	---	---	1295.711	1295.411	---	---	---	---	22
23	---	---	---	---	---	---	1295.704	1295.388	---	---	---	---	23
24	---	---	---	1294.884	---	---	1295.681	1295.389	---	---	---	---	24
25	---	---	---	---	1295.201	---	---	1295.373	---	---	---	---	25
26	---	---	---	---	---	1295.690	1295.661	---	---	---	---	---	26
27	---	1294.871	1294.628	1294.961	---	---	1295.645	1295.349	---	---	---	---	27
28	---	---	---	---	---	1295.923	1295.649	---	---	---	---	---	28
29	---	---	---	---	---	---	1295.649	1295.325	---	---	---	---	29
30	---		---	---	---	---	---	1295.309	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 37 N
LONG 114 11 59 W

REGULATED

DRAINAGE AREA,
187 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 1295 816 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

CHENAL DES QUATRE FOURCHES AT QUATRE FOURCHES - STATION NO 07KF001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	208.364	209.134	---	208.881	---	---	1
2	---	---	---	---	---	---	208.842	209.146	---	208.821	---	---	2
3	---	---	---	---	---	---	208.938	209.137	---	208.819	---	---	3
4	---	---	---	---	---	---	209.076	209.143	---	208.987	---	---	4
5	---	---	---	---	---	208.867	209.141	209.133	---	208.812	---	---	5
6	---	---	---	---	---	---	209.161	208.282	---	208.819	---	---	6
7	---	---	---	---	---	---	209.117	209.216	209.235	208.872	---	---	7
8	---	---	---	---	---	---	208.961	209.116	---	208.897	---	---	8
9	---	---	---	---	---	---	208.025	209.100	---	208.878	---	---	9
10	---	---	---	---	---	208.101	209.075	208.882	---	208.909	---	---	10
11	---	---	---	---	---	208.033	208.038	208.980	---	208.850	---	---	11
12	---	---	---	---	---	208.895	208.115	208.118	---	---	---	---	12
13	---	---	---	---	---	208.905	208.112	209.177	---	---	---	---	13
14	---	---	---	---	---	208.981	209.087	208.888	---	---	---	---	14
15	---	---	---	---	---	209.093	208.981	209.020	---	---	---	---	15
16	---	---	---	---	---	209.178	209.103	208.950	---	---	---	---	16
17	---	---	---	---	---	209.224	208.825	208.895	---	---	---	---	17
18	---	---	---	---	---	208.187	209.078	209.021	---	---	---	---	18
19	---	---	---	---	---	209.230	209.101	208.980	---	---	---	---	19
20	---	---	---	---	---	208.240	208.185	209.012	---	---	---	---	20
21	---	---	---	---	---	208.204	209.187	209.009	209.096	---	---	---	21
22	---	---	---	---	---	208.207	209.180	208.880	209.041	---	---	---	22
23	---	---	---	---	---	208.172	209.137	208.926	208.941	---	---	---	23
24	---	---	---	---	---	208.082	209.082	208.893	208.949	---	---	---	24
25	---	---	---	---	---	208.992	209.068	208.882	208.925	---	---	---	25
26	---	---	---	---	---	209.081	209.068	---	208.857	---	---	---	26
27	---	---	---	---	---	209.028	209.116	---	208.783	---	---	---	27
28	---	---	---	---	---	208.968	209.177	---	208.826	---	---	---	28
29	---	---	---	---	---	209.185	209.185	---	208.882	---	---	---	29
30	---		---	---	---	208.854	209.120	---	209.015	---	---	---	30
31	---		---		---		209.154	---		---		---	31
MEAN	---	---	---	---	---	---	209.060	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	209.187	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	208.364	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 50 N
LONG 111 17 20 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHINCHAGA RIVER NEAR HIGH LEVEL - STATION NO. 07OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3848	0.3408	0.2308	0.4508	13.7	81.6	28.0	24.8 E	6.78	9.64	5.288	2.10 B	1
2	0.3838	0.3388	0.2278	0.8008	12.8	73.8	28.6	21.5 E	8.81	9.68	5.908	2.08 B	2
3	0.3828	0.3328	0.2248	0.9008	11.4	69.0	35.3	23.5 E	15.0	9.76	6.418	2.02 B	3
4	0.3818	0.3268	0.2218	1.26 B	10.7	67.0	105	26.0 E	15.0	9.83	5.788	1.94 B	4
5	0.3908	0.3248	0.2188	2.10 B	9.78	65.0	128	33.0 E	14.0	9.90	5.248	1.49 B	5
6	0.3898	0.3208	0.2078	2.72 B	8.91	65.1	144	39.0 E	22.1	9.86	4.708	1.36 B	6
7	0.3888	0.3188	0.1958	3.42 B	8.62	60.3	143	43.5 E	35.9	9.94	4.848	1.18 B	7
8	0.3898	0.3128	0.1878	3.01 B	7.78	53.3	147	23.0 E	50.5	9.90	5.408	1.11 B	8
9	0.3898	0.3088	0.1738	3.77 B	7.28	50.3	185	21.8 E	57.9	10.2	5.268	1.39 B	9
10	0.3908	0.3048	0.1688	3.42 B	6.84	62.3	235	18.9 E	58.7	11.2	5.298	1.56 B	10
11	0.3808	0.3008	0.1738	5.71 B	6.57	92.9	235	16.4 E	52.7	13.6	5.088	1.50 B	11
12	0.3888	0.2858	0.1718	6.52 B	6.30	111	218	14.7 E	47.4	14.9	4.588	1.47 B	12
13	0.3868	0.2828	0.1718	11.2 B	5.93	101	184	13.2 E	43.2	17.0	4.088	1.41 B	13
14	0.3848	0.2868	0.1718	10.6 B	5.71	85.7	158	10.6 E	38.6	17.3	3.868	1.29 B	14
15	0.3828	0.2848	0.1648	15.0 B	5.66	72.0	140	9.65E	34.5	16.9	3.698	1.05 B	15
16	0.3808	0.2808	0.1548	23.3	5.59	62.0	141	10.1 E	31.3	17.0	3.518	0.8018	16
17	0.3788	0.2788	0.1548	11.1	5.77	55.6	144	10.4 E	28.2	16.6	3.378	0.7338	17
18	0.3768	0.2738	0.1628	10.2	6.18	49.6	145	10.5 E	25.2	14.7 B	3.228	0.8598	18
19	0.3748	0.2688	0.1738	14.3	7.74	43.8A	130	10.5 E	22.4	8.62B	3.068	0.8638	19
20	0.3738	0.2648	0.1718	17.1	8.82	39.1	108	10.4 E	20.5	10.4 B	3.228	1.40 B	20
21	0.3708	0.2608	0.1718	17.3	11.7	34.1	81.0	9.10E	18.6	12.5 B	3.268	1.26 B	21
22	0.3688	0.2568	0.1688	17.6	88.4	29.5	77.0	8.05E	16.8	11.0 B	3.178	0.9588	22
23	0.3668	0.2528	0.1708	21.6	98.5	26.0	68.0	8.10E	15.5	10.6 B	3.158	0.8578	23
24	0.3648	0.2488	0.1788	22.6	138	23.7	60.4	9.30E	14.3	8.90B	3.338	0.8478	24
25	0.3628	0.2458	0.1808	21.8	160	21.7	55.0	9.42E	13.3	7.82B	3.218	0.8848	25
26	0.3598	0.2428	0.1828	19.8	155	19.9	49.5	8.65E	12.8	6.75B	2.708	0.8828	26
27	0.3568	0.2388	0.1848	18.1	140	18.5	45.3	7.10E	12.3	6.39B	2.368	0.8818	27
28	0.3538	0.2368	0.1858	17.1	132	18.0	39.8	8.15E	11.4	6.06B	2.128	0.9298	28
29	0.3508	0.2338	0.1908	16.2	116	17.8	34.5	5.78A	10.6	5.99B	2.128	0.9458	29
30	0.3478		0.2088	15.1	102	20.3	30.8A	5.83	10.3	6.06B	2.168	0.9898	30
31	0.3448		0.3008		91.4		26.3E	6.39		6.10B		0.9208	31
TOTAL	11.654	8.251	5.821	338.780	1 368.07	1 586.7	3 346.5	485.92	782.89	338.84	121.48	37.585	TOTAL
MEAN	0.376	0.285	0.188	11.3	44.2	53.0	108	15.7	25.4	10.9	4.05	1.21	MEAN
MAX	0.394	0.340	0.300	23.3	160	111	235	43.5	57.9	17.3	6.90	2.10	MAX
MIN	0.344	0.233	0.154	0.450	5.59	17.8	26.0	5.78	6.78	5.89	2.12	0.859	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.0
MAXIMUM DAILY, 235 ON JUL 11
MINIMUM DAILY, 0.1548 ON MAR 15
MAXIMUM INSTANTANEOUS,
237 AT 08.30 MST ON JUL 11

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 35 48 N
LONG 119 20 00 W
DRAINAGE AREA, 10 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 010	JUL	289 000
FEB	713	AUG	42 000
MAR	503	SEP	65 900
APR	29 300	OCT	29 100
MAY	118 000	NOV	10 500
JUN	137 000	DEC	3 250

TOTAL DISCHARGE, 726 000 dam³

CHIP LAKE AT OUTLET TO LOBSTICK RIVER - STATION NO. 07BB008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	788.026	---	788.049	---	---	788.153	788.147	788.348	---	---	1
2	---	---	---	---	788.046	788.346	788.351	788.153	---	788.345	788.324	---	2
3	---	---	---	---	788.152	788.254	788.350	788.151	---	788.345	---	---	3
4	---	---	---	---	788.147	788.253	788.329	788.151	788.148	788.345	---	---	4
5	---	---	---	788.044	788.253	788.346	788.253	788.151	788.145	788.345	---	---	5
6	---	---	---	---	788.255	788.346	788.351	788.152	788.152	788.345	---	---	6
7	---	---	---	---	788.253	788.348	---	788.152	788.148	788.345	---	---	7
8	---	---	---	---	788.148	788.346	788.350	788.151	788.145	788.345	---	---	8
9	---	---	---	---	788.153	788.348	788.253	788.146	788.149	788.345	---	---	9
10	---	---	---	---	788.248	788.349	788.253	788.148	788.148	788.345	---	---	10
11	---	---	---	---	788.155	788.358	788.253	788.147	788.147	788.347	---	---	11
12	---	---	---	---	788.155	788.350	788.253	788.147	788.150	788.346	---	---	12
13	---	---	---	788.070	788.153	788.350	788.253	788.245	788.147	---	---	---	13
14	---	---	---	---	788.155	788.352	788.253	788.147	788.145	788.443	---	---	14
15	---	---	---	---	788.246	788.354	788.251	788.148	788.145	788.334	---	---	15
16	---	---	---	---	788.251	788.449	788.250	788.148	788.145	---	---	---	16
17	---	---	---	---	---	788.446	788.249	788.148	---	---	---	---	17
18	---	---	---	---	788.253	788.354	788.245	788.148	788.148	788.447	---	---	18
19	---	---	---	---	788.253	788.354	788.248	788.149	788.151	788.344	---	---	19
20	---	---	---	---	---	788.353	788.259	788.149	788.243	788.345	---	---	20
21	---	---	---	---	---	---	788.353	---	788.148	788.246	788.345	---	21
22	---	---	---	---	788.258	788.353	788.248	788.147	788.248	788.346	---	---	22
23	---	---	---	---	788.348	788.352	788.246	788.122	788.249	788.346	---	---	23
24	---	---	---	---	788.347	788.352	788.247	788.146	788.278	788.346	---	---	24
25	---	---	---	---	788.348	788.353	788.248	788.147	788.344	788.347	---	---	25
26	---	---	---	---	788.254	788.351	788.245	788.148	788.343	788.347	---	---	26
27	---	---	---	---	788.254	788.351	788.252	788.148	788.344	788.347	---	---	27
28	---	---	---	---	788.254	788.350	788.246	---	788.344	788.347	---	---	28
29	---	---	---	---	788.348	788.352	788.245	---	788.348	788.347	---	---	29
30	---		788.031	---	788.348	---	788.244	788.052	788.348	788.347	---	---	30
31	---		---		---		788.153	788.047		788.347		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 788.449 ON JUN 16

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 59 36 54 N
LONG 119 16 33 W

NATURAL FLOW

DRAINAGE AREA,
1 210 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

CHRISTINA RIVER NEAR CHARD - STATION NO 07CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2 708	5 008	11 1	50 6	23 0	12 6	7 19	10 2	11 48	---	1
2	---	---	2 708	5 458	11 0	67 3	22 4	12 0	7 80	10 1	11 38	---	2
3	---	---	2 708	6 008	11 0	103	22 1	11 4	8 31	9 90	11 23	---	3
4	---	---	2 708	5 408	10 4	129	21 8	10 9	8 55	9 80	11 18	---	4
5	---	---	2 708	5 508	9 98	146	21 2	10 6	8 85	9 88	11 18	---	5
6	---	---	2 708	5 408	9 52	157	21 3	10 7	9 23	9 78	11 18	---	6
7	---	---	2 708	5 258	9 18	165	22 1	11 1	10 1	9 75	11 18	---	7
8	---	---	2 708	7 508	8 90	174	25 6	10 5	10 6	9 78	---	---	8
9	---	---	2 708	9 508	8 78	162	30 2	10 5	11 5	9 73	---	---	9
10	---	---	2 708	13 0 8	8 87	139	33 6	10 4	12 3	9 63	---	---	10
11	---	---	2 708	15 0 8	8 65	118	35 4	10 2	12 6	9 60	---	---	11
12	---	---	2 708	18 0 8	8 48	101	35 8	10 1	12 8	9 62	---	---	12
13	---	---	2 708	21 0 8	8 87	86 8	36 0	10 1	12 9	9 75	---	---	13
14	---	---	2 708	24 0 8	9 30	75 8	36 7	9 75	12 8	10 1	---	---	14
15	---	---	2 708	27 0 8	9 23	66 5	36 7	9 48	12 5	10 4	---	---	15
16	---	---	2 708	27 0 8	9 12	57 6	34 9	9 33	12 3	10 9	---	---	16
17	---	---	2 708	26 0 8	8 83	50 6	33 3	9 04	12 1	11 7	---	---	17
18	---	---	2 708	24 0 8	12 8	43 6	31 6	8 80	11 8	13 2	---	---	18
19	---	---	2 728	23 0 8	16 5	38 9	30 0	8 57	12 0	14 9	---	---	19
20	---	---	2 758	19 4	23 2	37 7	28 2	8 34	11 9	16 2	---	---	20
21	---	---	2 808	18 3	41 9	38 5	26 6	8 28	11 7	17 6	---	---	21
22	---	---	2 858	17 7	64 1	38 7	25 1	8 09	11 5	19 0	---	---	22
23	---	---	2 908	16 9	70 7	36 8	23 6	7 88	11 3	19 7	---	---	23
24	---	---	3 058	16 0	69 5	34 9	22 0	7 67	11 1	18 3 8	---	---	24
25	---	---	3 208	15 5	66 8	32 6	20 8	7 48	11 0	17 8 8	---	---	25
26	---	---	3 358	14 5	62 0	30 2	19 3	7 28	10 8	16 5 8	---	---	26
27	---	---	3 508	13 6	57 1	28 2	18 2	7 07	10 6	14 3 8	---	---	27
28	---	---	3 658	12 9	54 5	26 5	17 0	6 98	10 5	13 0 8	---	---	28
29	---	---	4 008	12 2	52 7	25 0	15 7	6 92	10 4	12 5 8	---	---	29
30	---		4 308	11 6	49 4	23 7	14 7	6 85	10 3	12 0 8	---	---	30
31	---		4 608		48 4		13 6	6 92		11 5 8		---	31
TOTAL	---	---	92 27	445 70	851 61	2 286 3	798 3	285 94	327 33	387 52	---	---	TOTAL
MEAN	---	---	2 98	14 9	27 5	76 2	25 8	9 22	10 9	12 5	---	---	MEAN
MAX	---	---	4 60	27 0	70 7	174	36 7	12 8	12 9	19 7	---	---	MAX
MIN	---	---	2 70	5 00	8 48	23 7	13 6	6 85	7 19	9 80	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32 3
MAXIMUM DAILY, 174 ON JUN 8
MINIMUM DAILY, 2 708 ON MAR 1
MAXIMUM INSTANTANEOUS,
178 AT 11 22 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 50 20 N
LONG 110 52 00 W
DRAINAGE AREA, 4 850 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	69 000
FEB	---	AUG	24 700
MAR	7 970	SEP	28 300
APR	38 500	OCT	33 500
MAY	73 500	NOV	---
JUN	198 000	DEC	---

TOTAL DISCHARGE, 474 000 dam³

CHRISTMAS CREEK NEAR BLUE RIDGE - STATION NO 07AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0508	0 3268	0 468	0 574	1 55	0 075	0 079	0 494	0 1778	---	1
2	---	---	0 0508	0 3508	0 456	0 670	1 62	0 066	0 070	0 513	---	---	2
3	---	---	0 0808	0 4358	0 518	0 422	1 38	0 063	0 069	0 526	---	---	3
4	---	---	0 0808	0 4478	0 844	0 348	1 05	0 072	0 068	0 455	---	---	4
5	---	---	0 0908	0 5018	1 13	0 315	0 933	0 071	0 065	0 440	---	---	5
6	---	---	0 0908	0 5898	1 20	0 567	0 849	0 066	0 075	0 423	---	---	6
7	---	---	0 0878	0 6548	1 30	9 69	0 988	0 074	0 183	0 414	---	---	7
8	---	---	0 0858	0 7368	1 14	29 7	0 982	0 067	0 880	0 408	---	---	8
9	---	---	0 0828	0 8038	1 19	30 9	0 832	0 087	1 12	0 388	---	---	9
10	---	---	0 0838	0 8828	1 95	16 9	0 713	0 097	0 834	0 393	---	---	10
11	---	---	0 0888	0 9038	2 38	8 94	0 606	0 116	0 712	0 380	---	---	11
12	---	---	0 1008	1 02 8	2 15	7 41	0 509	0 087	0 799	0 375	---	---	12
13	---	---	0 0958	1 10 8	2 05	5 95	0 471	0 083	1 10	0 358	---	---	13
14	---	---	0 0958	1 18 8	1 88	5 05	0 882	0 080	1 23	0 350	---	---	14
15	---	---	0 1028	1 24 8	1 77	5 00	0 606	0 173	1 03	0 345	---	---	15
16	---	---	0 1088	1 27	1 76	3 98	0 472	0 314	0 867	0 355	---	---	16
17	---	---	0 1108	1 30	3 62	3 86	0 362	0 311	0 716	0 358	---	---	17
18	---	---	0 1058	1 27	5 07	3 01	0 311	0 258	0 709	0 389	---	---	18
19	---	---	0 1068	1 26	4 81	2 84	0 271	0 269	0 741	0 423	---	---	19
20	---	---	0 1078	1 08	3 13	2 42	0 238	0 230	0 614	0 428	---	---	20
21	---	---	0 1168	0 974	2 15	2 36	0 203	0 173	0 707	0 448	---	---	21
22	---	---	0 1258	0 910	1 69	2 11	0 198	0 145	0 840	0 438	---	---	22
23	---	---	0 1438	0 868	1 47	1 87	0 194	0 120	0 838	0 398	---	---	23
24	---	---	0 1558	0 806	1 19	1 84	0 188	0 116	0 795	0 418	---	---	24
25	---	---	0 1778	0 763	1 09	2 03	0 184	0 113	0 738	0 455	---	---	25
26	---	---	0 1858	0 726	0 981	1 59	0 136	0 102	0 678	0 4408	---	---	26
27	---	---	0 1978	0 820	0 859	1 30	0 141	0 097	0 606	0 3808	---	---	27
28	---	---	0 2118	0 927	0 714	1 12	0 111	0 092	0 541	0 3008	---	---	28
29	---	---	0 2558	0 801	0 585	1 02	0 088	0 078	0 516	0 2508	---	---	29
30	---		0 3448	0 487	0 510	1 27	0 088	0 081	0 518	0 2108	---	---	30
31	---		0 3758		0 495		0 084	0 078		0 1908		---	31
TOTAL	---	---	4 237	25 384	50 230	158 547	18 999	3 865	18 519	12 144	---	---	TOTAL
MEAN	---	---	0 137	0 846	1 62	5 22	0 548	0 125	0 617	0 392	---	---	MEAN
MAX	---	---	0 375	1 30	5 07	30 9	1 62	0 314	1 23	0 535	---	---	MAX
MIN	---	---	0 087	0 326	0 468	0 315	0 084	0 063	0 085	0 190	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 16
MAXIMUM DAILY, 30.9 ON JUN 9
MINIMUM DAILY, 0.063 ON AUG 3
MAXIMUM INSTANTANEOUS,
35 4 AT 23:59 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 40 N
LONG 115 19 58 W
DRAINAGE AREA, 424 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 470
FEB	---	AUG	334
MAR	355	SEP	1 600
APR	3 190	OCT	1 050
MAY	4 340	NOV	---
JUN	13 500	DEC	---

TOTAL DISCHARGE, 24 900 dam³

CLEAR BROOK NEAR STAVELY - STATION NO 05AC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	---	---	1
2	---	0	0	0	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0	0	0	0	0	0	0	---	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	0		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JAN 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 25 N
LONG 113 27 29 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

CLEAR LAKE NEAR STAVELY - STATION NO 05AC032

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.818A	3.878	3.881	3.786	3.695	3.552	3.395E	3.411	---	---	1
2	---	---	---	3.889	3.887	3.781	3.691	3.550	3.392E	3.407	---	---	2
3	---	---	---	3.901	3.885	3.776	3.684	3.549	3.388E	3.407	---	---	3
4	---	---	---	3.904	3.882	3.773	3.681	3.545	3.387A	3.401	---	---	4
5	---	---	---	3.906	3.883	3.775	3.676	3.539	3.376	3.397	---	---	5
6	---	---	---	3.907	3.883	3.774	3.669	3.530	3.385	3.393	---	---	6
7	---	---	---	3.903	3.884	3.778	3.663	3.524	3.398	3.391	---	---	7
8	---	---	---	3.903	3.886	3.780	3.655	3.520	3.394	3.387	---	---	8
9	---	---	---	3.902	3.883	3.780	3.650	3.512	3.385	3.387	---	---	9
10	---	---	---	3.898	3.878	3.779	3.643	3.510	3.400	3.383	---	---	10
11	---	---	---	3.897	3.874	3.779	3.640	3.504	3.411	3.386	---	---	11
12	---	---	3.833A	3.894	3.873	3.779	3.632	3.500	3.411	3.386	---	---	12
13	---	---	---	3.895	3.868	3.778	3.625	3.497	3.409	3.383	---	---	13
14	---	---	---	3.890	3.868	3.778	3.620	3.497	3.405	3.382	---	---	14
15	---	---	---	3.887	3.884	3.771	3.618	3.493	3.402	3.381	---	---	15
16	---	---	---	3.882	3.873	3.767	3.611	3.490	3.401	---	---	---	16
17	---	---	---	3.875	3.868	3.761	3.605	3.483	3.395	---	---	---	17
18	---	---	---	3.893	3.865	3.755	3.593	3.478	3.394	---	---	---	18
19	---	---	---	3.888	3.857	3.752	3.590	3.471	3.386	---	---	---	19
20	---	---	3.838A	3.904	3.852	3.744	3.580	3.462	3.391	---	---	---	20
21	---	---	---	3.901	3.849	3.743	3.568	3.458	3.434	---	---	---	21
22	---	---	---	3.900	3.852	3.758	3.585	3.451	3.430	---	---	---	22
23	---	---	---	3.900	3.840	3.753	3.580	3.448	3.426	---	---	---	23
24	---	---	3.837A	3.898	3.827	3.750	3.558	3.442	3.423	---	---	---	24
25	---	---	3.838	3.892	3.825	3.747	3.552	3.438	3.429	---	---	---	25
26	---	---	3.843	3.892	3.823	3.738	3.548	3.425	3.419	---	---	---	26
27	---	---	3.848	3.891	3.824	3.729	3.541	3.418	3.414	---	---	---	27
28	---	---	3.849	3.890	3.815	3.724	3.541	3.412	3.417	---	---	---	28
29	---	---	3.858	3.885	3.811	3.718	3.544	3.410	3.413	---	---	---	29
30	---		3.867	3.884	3.804	3.703	3.555	3.403	3.412	3.383A	---	---	30
31	---		3.875		3.793		3.552	3.398		---		---	31
MEAN	---	---	---	3.895	3.857	3.780	3.610	3.481	3.404	---	---	---	MEAN
MAX	---	---	---	3.907	3.857	3.786	3.695	3.552	3.434	---	---	---	MAX
MIN	---	---	---	3.875	3.793	3.703	3.641	3.398	3.378	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.907 ON APR 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 11 N
LONG 113 24 47 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

CHRISTINA RIVER NEAR CHARD - STATION NO 07CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.708	5.008	11.1	50.6	23.0	12.8	7.19	10.2	11.48	---	1
2	---	---	2.708	5.458	11.0	87.3	22.4	12.0	7.80	10.1	11.38	---	2
3	---	---	2.708	6.008	11.0	103	22.1	11.4	8.31	9.90	11.28	---	3
4	---	---	2.708	6.608	10.6	129	21.8	10.9	8.55	9.90	11.18	---	4
5	---	---	2.708	9.608	9.98	146	21.2	10.8	8.85	9.88	11.18	---	5
6	---	---	2.708	8.408	9.82	157	21.3	10.7	9.23	9.78	11.18	---	6
7	---	---	2.708	8.258	9.18	165	22.1	11.1	10.1	9.75	11.18	---	7
8	---	---	2.708	7.808	8.80	174	25.6	10.5	10.6	9.78	---	---	8
9	---	---	2.708	9.508	8.78	162	30.2	10.5	11.5	9.73	---	---	9
10	---	---	2.708	13.08	8.87	139	33.6	10.4	12.3	9.63	---	---	10
11	---	---	2.708	15.08	8.85	118	35.4	10.2	12.8	9.60	---	---	11
12	---	---	2.708	18.08	8.48	101	35.8	10.1	12.8	9.62	---	---	12
13	---	---	2.708	21.08	8.87	86.8	36.0	10.1	12.9	9.75	---	---	13
14	---	---	2.708	24.08	9.30	75.8	35.7	9.75	12.8	10.1	---	---	14
15	---	---	2.708	27.08	9.22	65.5	36.7	9.48	12.5	10.4	---	---	15
16	---	---	2.708	27.08	9.12	57.8	34.9	9.32	12.3	10.5	---	---	16
17	---	---	2.708	26.08	9.63	50.6	33.3	9.06	12.1	11.7	---	---	17
18	---	---	2.708	24.08	12.8	43.8	31.8	8.80	11.8	13.2	---	---	18
19	---	---	2.728	23.08	18.5	38.9	30.0	8.57	12.0	14.5	---	---	19
20	---	---	2.758	19.4	25.2	37.7	28.2	8.34	11.9	15.2	---	---	20
21	---	---	2.808	18.3	41.9	36.5	26.6	8.25	11.7	17.8	---	---	21
22	---	---	2.858	17.7	64.1	35.7	25.1	8.09	11.5	19.0	---	---	22
23	---	---	2.908	16.9	70.7	36.6	23.6	7.86	11.3	19.7	---	---	23
24	---	---	3.058	16.0	69.5	34.9	22.0	7.67	11.1	18.3 B	---	---	24
25	---	---	3.208	15.5	66.6	32.6	20.6	7.45	11.0	17.6 B	---	---	25
26	---	---	3.358	14.5	62.0	30.2	19.3	7.28	10.8	16.5 B	---	---	26
27	---	---	3.508	13.6	57.1	28.2	18.2	7.07	10.6	14.3 B	---	---	27
28	---	---	3.658	12.9	54.6	26.5	17.0	6.99	10.5	13.0 B	---	---	28
29	---	---	4.008	12.2	52.7	25.0	15.7	6.92	10.4	12.5 B	---	---	29
30	---		4.308	11.6	49.4	23.7	14.7	6.85	10.3	12.0 B	---	---	30
31	---		4.608		48.4		13.6	6.92		11.6 B		---	31
TOTAL	---	---	92.27	445.70	851.81	2 268.3	788.3	286.94	337.33	387.52	---	---	TOTAL
MEAN	---	---	2.98	14.9	27.5	75.2	25.6	9.22	10.9	12.5	---	---	MEAN
MAX	---	---	4.60	27.0	70.7	174	36.7	12.8	12.9	19.7	---	---	MAX
MIN	---	---	2.70	5.00	8.48	23.7	13.6	6.85	7.19	9.60	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 174 ON JUN 6
MINIMUM DAILY, 2.708 ON MAR 1
MAXIMUM INSTANTANEOUS,
174 AT 11:22 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 50 20 N
LONG 110 52 00 W
DRAINAGE AREA, 4 850 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	69 000
FEB	---	AUG	24 700
MAR	7 970	SEP	28 300
APR	38 500	OCT	33 600
MAY	73 600	NOV	---
JUN	198 000	DEC	---

TOTAL DISCHARGE, 474 000 dam³

CHRISTMAS CREEK NEAR BLUE RIDGE - STATION NO 07AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0908	0.3268	0.468	0.574	1.55	0.078	0.078	0.494	0.1778	---	1
2	---	---	0.0908	0.3908	0.456	0.570	1.62	0.086	0.070	0.513	---	---	2
3	---	---	0.0908	0.4358	0.518	0.432	1.38	0.083	0.068	0.526	---	---	3
4	---	---	0.0908	0.4478	0.844	0.348	1.05	0.072	0.068	0.455	---	---	4
5	---	---	0.0908	0.5018	1.13	0.315	0.932	0.071	0.065	0.440	---	---	5
6	---	---	0.0908	0.5858	1.30	0.567	0.849	0.068	0.075	0.423	---	---	6
7	---	---	0.0878	0.6588	1.30	9.69	0.988	0.074	0.183	0.414	---	---	7
8	---	---	0.0888	0.7368	1.14	29.7	0.862	0.067	0.680	0.408	---	---	8
9	---	---	0.0928	0.8038	1.18	30.8	0.932	0.087	1.12	0.388	---	---	9
10	---	---	0.0938	0.8828	1.95	16.9	0.713	0.097	0.834	0.393	---	---	10
11	---	---	0.0868	0.9028	2.38	8.94	0.606	0.116	0.712	0.380	---	---	11
12	---	---	0.1008	1.02 B	2.15	7.41	0.509	0.097	0.789	0.375	---	---	12
13	---	---	0.0968	1.10 B	2.05	6.95	0.471	0.083	1.10	0.358	---	---	13
14	---	---	0.0958	1.18 B	1.88	6.05	0.862	0.080	1.23	0.350	---	---	14
15	---	---	0.1028	1.24 B	1.77	5.00	0.606	0.173	1.03	0.345	---	---	15
16	---	---	0.1068	1.27	1.78	3.96	0.472	0.314	0.867	0.355	---	---	16
17	---	---	0.1108	1.30	3.83	3.65	0.382	0.211	0.716	0.358	---	---	17
18	---	---	0.1068	1.27	5.07	3.01	0.311	0.258	0.709	0.389	---	---	18
19	---	---	0.1068	1.28	4.81	2.84	0.271	0.269	0.741	0.423	---	---	19
20	---	---	0.1078	1.08	3.13	2.42	0.239	0.230	0.614	0.428	---	---	20
21	---	---	0.1188	0.974	2.15	2.36	0.203	0.173	0.707	0.448	---	---	21
22	---	---	0.1258	0.910	1.69	2.11	0.196	0.145	0.840	0.436	---	---	22
23	---	---	0.1438	0.888	1.37	1.87	0.194	0.120	0.838	0.398	---	---	23
24	---	---	0.1898	0.805	1.18	1.86	0.188	0.118	0.795	0.418	---	---	24
25	---	---	0.1778	0.783	1.09	2.03	0.184	0.113	0.738	0.459	---	---	25
26	---	---	0.1868	0.728	0.981	1.59	0.138	0.102	0.678	0.4408	---	---	26
27	---	---	0.1978	0.820	0.869	1.30	0.141	0.097	0.808	0.3808	---	---	27
28	---	---	0.2118	0.927	0.714	1.12	0.111	0.092	0.841	0.3008	---	---	28
29	---	---	0.2658	0.801	0.585	1.02	0.098	0.079	0.518	0.2808	---	---	29
30	---		0.3448	0.487	0.510	1.27	0.088	0.081	0.518	0.2108	---	---	30
31	---		0.3788		0.485		0.084	0.078		0.1908		---	31
TOTAL	---	---	4.237	25.384	50.230	158.647	16.988	3.885	18.519	12.144	---	---	TOTAL
MEAN	---	---	0.137	0.845	1.62	5.22	0.548	0.125	0.617	0.382	---	---	MEAN
MAX	---	---	0.378	1.30	5.07	30.8	1.62	0.314	1.23	0.526	---	---	MAX
MIN	---	---	0.087	0.326	0.468	0.315	0.084	0.068	0.065	0.190	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 30.8 ON JUN 6
MINIMUM DAILY, 0.065 ON AUG 3
MAXIMUM INSTANTANEOUS,
35.4 AT 23:59 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 40 N
LONG 118 18 58 W
DRAINAGE AREA, 424 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 470
FEB	---	AUG	334
MAR	366	SEP	1 800
APR	2 190	OCT	1 050
MAY	4 340	NOV	---
JUN	13 800	DEC	---

TOTAL DISCHARGE, 24 800 dam³

CLEAR BROOK NEAR STAVELY - STATION NO. 05AC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	---	---	1
2	---	0	0	0	0	0	0	0	0	0	---	---	2
3	---	0	0	0	0	0	0	0	0	0	---	---	3
4	---	0	0	0	0	0	0	0	0	0	---	---	4
5	---	0	0	0	0	0	0	0	0	0	---	---	5
6	---	0	0	0	0	0	0	0	0	0	---	---	6
7	---	0	0	0	0	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	0		0		0		0	0		0		---	31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JAN 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 25 N
LONG 113 27 29 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

CLEAR LAKE NEAR STAVELY - STATION NO. 05AC032

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.819A	3.878	3.881	3.786	3.695	3.552	3.385E	3.411	---	---	1
2	---	---	---	3.889	3.887	3.781	3.691	3.550	3.382E	3.407	---	---	2
3	---	---	---	3.901	3.885	3.776	3.684	3.549	3.389E	3.407	---	---	3
4	---	---	---	3.904	3.882	3.773	3.681	3.545	3.387A	3.401	---	---	4
5	---	---	---	3.908	3.883	3.775	3.676	3.539	3.378	3.397	---	---	5
6	---	---	---	3.907	3.883	3.774	3.669	3.530	3.385	3.393	---	---	6
7	---	---	---	3.903	3.884	3.776	3.663	3.524	3.398	3.391	---	---	7
8	---	---	---	3.903	3.886	3.780	3.655	3.520	3.394	3.387	---	---	8
9	---	---	---	3.902	3.883	3.780	3.650	3.512	3.385	3.387	---	---	9
10	---	---	---	3.898	3.878	3.779	3.643	3.510	3.400	3.383	---	---	10
11	---	---	---	3.897	3.874	3.779	3.640	3.504	3.411	3.386	---	---	11
12	---	---	3.833A	3.894	3.873	3.779	3.632	3.500	3.411	3.386	---	---	12
13	---	---	---	3.895	3.868	3.776	3.625	3.497	3.409	3.383	---	---	13
14	---	---	---	3.890	3.865	3.775	3.620	3.497	3.405	3.382	---	---	14
15	---	---	---	3.887	3.864	3.771	3.618	3.493	3.402	3.381	---	---	15
16	---	---	---	3.882	3.873	3.767	3.611	3.490	3.401	---	---	---	16
17	---	---	---	3.876	3.868	3.761	3.605	3.483	3.395	---	---	---	17
18	---	---	---	3.893	3.865	3.755	3.593	3.478	3.394	---	---	---	18
19	---	---	---	3.895	3.857	3.752	3.590	3.471	3.386	---	---	---	19
20	---	---	3.838A	3.904	3.852	3.744	3.580	3.462	3.391	---	---	---	20
21	---	---	---	3.901	3.849	3.743	3.568	3.458	3.434	---	---	---	21
22	---	---	---	3.900	3.852	3.758	3.585	3.451	3.430	---	---	---	22
23	---	---	---	3.900	3.840	3.753	3.580	3.446	3.426	---	---	---	23
24	---	---	3.837A	3.898	3.827	3.750	3.558	3.442	3.423	---	---	---	24
25	---	---	3.838	3.892	3.825	3.747	3.552	3.436	3.425	---	---	---	25
26	---	---	3.843	3.892	3.823	3.735	3.549	3.425	3.419	---	---	---	26
27	---	---	3.848	3.891	3.824	3.728	3.541	3.418	3.416	---	---	---	27
28	---	---	3.849	3.890	3.815	3.724	3.541	3.412	3.417	---	---	---	28
29	---	---	3.858	3.885	3.811	3.718	3.544	3.410	3.413	---	---	---	29
30	---		3.867	3.884	3.804	3.703	3.558	3.403	3.412	3.383A	---	---	30
31	---		3.878		3.793		3.562	3.398		---		---	31
MEAN	---	---	---	3.895	3.857	3.760	3.610	3.481	3.404	---	---	---	MEAN
MAX	---	---	---	3.907	3.887	3.788	3.695	3.552	3.434	---	---	---	MAX
MIN	---	---	---	3.878	3.793	3.703	3.541	3.398	3.378	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.907 ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 11 N
LONG 113 24 47 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CLEAR RIVER NEAR BEAR CANYON - STATION NO. 07FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	10.7 B	4.34	27.0 E	23 9	0.471	0.150	0.337	0.0278	---	1
2	---	---	0 B	11.6 B	4 57	21 5 E	20.2	0.437	0.178	0.358	---	---	2
3	---	---	0 B	12.5	4.34	18.0 E	18.3	0.471	0.184	0.357	---	---	3
4	---	---	0 B	12.1	4.36	15.5 E	13.4	0.445	0.187	0.380	---	---	4
5	---	---	0 B	9.81	3.82	14.9 E	11.9	0.445	0.293	0.387	---	---	5
6	---	---	0 B	8.50	4.03	15.6 E	15.4	0.451	0.408	0.382	---	---	6
7	---	---	0 B	8.65	3.62	24.5	20.7	0.491	0.443	0.403	---	---	7
8	---	---	0 B	8.85	3.32	44.2	28.0	0.428	0.461	0.452	---	---	8
9	---	---	0 B	8.50	3.67	54.7	36.4	0.394	0.511	0.535	---	---	9
10	---	---	0 B	8.80	3.19	38.2	26.5	0.358	0.606	0.548	---	---	10
11	---	---	0 B	8.17	2.93	25.1	19.1	0.309	0.624	0.611	---	---	11
12	---	---	0 B	8.32A	2.65	20.1	14.7	0.285	0.553	0.597	---	---	12
13	---	---	0 B	3.70E	2.46	16.3	12.1	0.245	0.518	0.611	---	---	13
14	---	---	0 B	4.00E	2.30	12.8	10.5	0.250	0.490	0.748	---	---	14
15	---	---	0 B	4.85E	2.29	10.2	8.78	0.227	0.444	0.676	---	---	15
16	---	---	0 B	10.2 E	10.3	8.34	7.05	0.218	0.416	0.606	---	---	16
17	---	---	0 0508	12.0 E	26.8 A	6.81	6.28	0.193	0.385	0.604	---	---	17
18	---	---	0 0858	10.0 E	25.0 E	5.60	5.00	0.218	0.380	0.553	---	---	18
19	---	---	0 1508	8.08A	22.5 E	4.72	4.73	0.226	0.381	1.03 B	---	---	19
20	---	---	0.2508	6.72	20.0 E	4.00	3.83	0.238	0.343	0.7588	---	---	20
21	---	---	0.3008	6.82	56.8 A	3.89	3.40	0.244	0.326	1.51	---	---	21
22	---	---	0.3208	8.07	194 A	3.82	3.16	0.226	0.323	1.04	---	---	22
23	---	---	0 3508	7.33	116 A	3.67	3.05	0.239	0.319	0.898	---	---	23
24	---	---	0 4008	6.22	109	3 61	2 99	0 256	0 313	1 03	---	---	24
25	---	---	0 4508	5.62	99 8 A	3 38	2.16	0 230	0.311	0 840	---	---	25
26	---	---	0 5008	5 35	75 0 E	2 93	1.66	0 215	0.428	0 6828	---	---	26
27	---	---	0.5508	4 86	61.0 E	2.47	1.32	0 196	0.384	0 4438	---	---	27
28	---	---	0.7008	4.40	49.5 E	2.20	0 993	0.185	0.352	0 4008	---	---	28
29	---	---	2.47 B	4.14	40.0 E	2 14	0.731	0 167	0.341	0 2818	---	---	29
30	---	---	4 83 B	4 04	32.0 E	4 84	0 518	0 154	0.328	0.1658	---	---	30
31	---		5 87 B		27 5 E		0 528	0 148		0 0978			31
TOTAL	---	---	20 275	217.40	1 016.81	449.82	328 401	9.035	11.353	18.620	---	---	TOTAL
MEAN	---	---	0 654	7 25	32 8	15 0	10 5	0 291	0 378	0 601	---	---	MEAN
MAX	---	---	5 87	12 5	194	54 2	36 4	0 491	0 624	1 51	---	---	MAX
MIN	---	---	0	3 70	2 29	2.14	0 528	0 148	0.150	0 097	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 194A ON MAY 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
219 AT 04:00 MST ON MAY 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 18 20 N
LONG 119 40 50 W
DRAINAGE AREA, 2 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28 200
FEB	---	AUG	781
MAR	1 750	SEP	981
APR	18 800	OCT	1 610
MAY	87 900	NOV	---
JUN	38 900	DEC	---

TOTAL DISCHARGE, 179 000 dam³

CLEARWATER RIVER ABOVE CHRISTINA RIVER - STATION NO 07CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42 88	42 88	42 88	51 88	81 2	92 0	87 5	80 5	77 2	85 7	76 58	52 38	1
2	42 88	42 88	42 88	54 08	78 9	104	86 0	88 4	78 1	85 9	75 58	52 08	2
3	42 88	42 88	42 88	56 88	76 5	107	85 4	84 1	78 8	85 2	74 08	51 98	3
4	42 88	42 88	42 88	51 08	77 2	107	85 1	84 1	78 8	85 9	72 58	51 88	4
5	42 88	42 88	42 88	85 88	75 8	105	83 8	87 5	77 9	86 7	71 08	51 88	5
6	42 88	42 88	42 88	71 88	74 5	102	83 8	87 3	76 4	86 3	70 08	51 88	6
7	42 78	42 88	42 88	76 08	73 5	99 3	72 8	83 2	75 4	86 3	69 08	51 88	7
8	42 78	42 88	42 88	85 08	72 7	95 9	89 9	73 6	74 3	86 4	68 08	51 88	8
9	42 78	42 88	42 88	93 08	72 5	91 5	84 3	77 2	73 4	86 0	66 48	51 28	9
10	42 68	42 88	42 88	100 B	73 0	87 6	96 6	80 2	73 2	85 5	85 38	50 58	10
11	42 68	42 88	42 88	112 B	74 0	84 6	95 8	82 7	73 7	85 4	64 28	50 08	11
12	42 58	42 88	42 88	121	75 4	82 2	84 0	82 5	73 5	85 5	63 88	49 08	12
13	42 68	42 88	42 88	128	75 6	79 7	92 5	81 3	72 8	85 8	63 08	48 18	13
14	42 68	42 88	42 88	125	76 2	77 0	81 3	82 3	71 8	87 7	62 08	47 58	14
15	42 88	42 88	42 88	118	76 8	74 7	81 1	81 8	71 3	88 7	61 28	46 98	15
16	42 88	42 88	42 88	118	77 3	72 8	88 1	81 2	70 8	72 0	80 58	46 48	15
17	43 88	42 88	42 88	113	78 1	72 6	86 6	80 0	88 7	75 0	59 68	46 08	17
18	42 88	42 88	42 88	106	83 5	73 2	84 2	78 4	88 9	81 0	59 28	45 88	18
19	42 88	42 88	42 88	97 3	88 8	73 6	81 7	78 1	88 2	88 7	58 58	45 28	19
20	42 88	42 88	42 88	95 3	95 2	76 3	79 5	77 5	87 4	95 9	57 88	45 08	20
21	42 68	42 68	43 08	93 4	100	76 8	78 0	76 1	87 1	89 0	57 38	44 88	21
22	42 68	42 68	43 38	92 4	102	75 3	78 4	75 3	86 8	100	56 68	44 68	22
23	42 68	42 68	43 78	91 4	101	74 1	75 2	74 1	86 8	101	56 08	44 48	23
24	42 68	42 68	44 08	90 2	98 8	72 4	74 2	72 6	86 0	89 0	55 58	44 28	24
25	42 68	42 68	44 48	88 9	95 9	71 1	73 0	71 4	85 8	86 6	55 08	44 08	25
26	42 68	42 68	44 88	86 2	93 2	89 7	71 4	88 8	85 7	82 58	54 28	43 88	26
27	42 68	42 68	45 48	85 9	90 6	88 8	70 0	88 6	85 6	85 08	53 88	43 68	27
28	42 68	42 68	46 08	85 9	87 7	86 6	87 8	88 3	85 4	77 08	53 58	43 78	28
29	42 68	42 68	47 38	84 6	85 3	87 8	88 5	72 7	85 5	73 08	53 08	43 68	29
30	42 68		48 78	82 9	83 4	86 2	83 8	78 7	85 4	76 08	52 68	43 58	30
31	42 68		50 08		83 2		82 1	77 1		76 08		43 48	31
TOTAL	1 322.3	1 235 4	1 352 8	2 729.5	2 581 8	2 471.1	2 409.8	2 254 4	2 130 8	2 485.0	1 886.1	1 470.5	TOTAL
MEAN	42 7	42 6	43 6	91 0	83.3	82.4	77 7	72 7	71 0	77 0	82 2	47 4	MEAN
MAX	43 8	42 6	50 0	128	102	107	96 8	83 7	78 8	101	76 5	52 2	MAX
MIN	42 5	42 6	42 6	51 8	72 8	57 8	82 1	97 3	65 4	85 2	52 8	43 4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.1
MAXIMUM DAILY, 128 ON APR 13
MINIMUM DAILY, 42.58 ON JAN 12
MAXIMUM INSTANTANEOUS,
138 AT 21:00 MST ON APR 14

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 38 40 N
LONG 110 55 40 W
DRAINAGE AREA, 17 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	114 000	JUL	208 000
FEB	107 000	AUG	195 000
MAR	117 000	SEP	184 000
APR	236 000	OCT	206 000
MAY	323 000	NOV	161 000
JUN	214 000	DEC	137 000

TOTAL DISCHARGE, 2 050 000 dam³

CLEARWATER RIVER ABOVE LIMESTONE CREEK - STATION NO. 05DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	4.14	21.4	48.1	21.9	12.0	11.5	---	---	1
2	---	---	---	---	4.10	13.3	31.1	26.6	11.7	11.5	---	---	2
3	---	---	---	---	4.07	12.0	25.1	25.2	11.3	11.7	---	---	3
4	---	---	---	---	4.00	11.7	22.3	25.0	10.9	12.0	---	---	4
5	---	---	---	---	3.91	12.2	22.9	24.1	10.5	12.1	---	---	5
6	---	---	---	---	4.04	17.9	26.7	24.0	12.7	12.2	---	---	6
7	---	---	---	---	4.18	18.7	27.2	22.5	13.9	12.0	---	---	7
8	---	---	---	---	4.32	31.5	21.5	18.6	12.5	11.8	---	---	8
9	---	---	---	---	4.29	45.9	17.8	16.6	11.8	12.1	---	---	9
10	---	---	---	---	4.14	36.8	16.4	17.5	11.9	12.8	---	---	10
11	---	---	---	---	3.96	32.7	17.6	18.0	11.8	12.8	---	---	11
12	---	---	---	---	3.90	38.1	22.3	18.8	12.5	12.5	---	---	12
13	---	---	---	---	3.83	47.5	25.2	18.3	12.6	12.3	---	---	13
14	---	---	---	---	3.88	49.2	23.1	17.9	12.1	11.8	---	---	14
15	---	---	---	---	4.33	57.2	20.9	15.3	11.5	11.7	---	---	15
16	---	---	---	---	8.85	54.5	20.7	14.4	11.2	11.5	---	---	16
17	---	---	---	---	8.78	43.2	22.8	14.3	11.1	11.3	---	---	17
18	---	---	---	---	8.04	33.0	25.3	14.8	12.7	10.9	---	---	18
19	---	---	---	---	7.21	26.1	26.1	15.0	15.5	10.9	---	---	19
20	---	---	---	---	6.90	24.9	24.8	14.2	15.8	10.6	---	---	20
21	---	---	---	---	6.56	22.5	22.0	13.3	15.2	10.1	---	---	21
22	---	---	---	---	6.13	22.3	16.8	12.5	14.3	9.81	---	---	22
23	---	---	---	---	5.87	25.5	15.0	12.6	13.7	9.84	---	---	23
24	---	---	---	---	5.80	29.4	15.5	13.0	13.3	10.0	---	---	24
25	---	---	---	4.92A	5.65	31.3	15.2	13.1	12.7	10.5	---	---	25
26	---	---	---	4.56	5.78	30.1	18.1	12.8	12.3	10.2	---	---	26
27	---	---	---	4.33	6.15	31.7	22.1	13.0	11.7	9.268	---	---	27
28	---	---	---	4.22	5.84	35.7	26.5	18.3	11.4	8.378	---	---	28
29	---	---	---	4.17	6.20	47.7	25.9	14.6	11.3	7.458	---	---	29
30	---		---	4.13	10.7	78.0	23.5	13.2	11.3	6.948	---	---	30
31	---		---		37.1		23.1	12.6		6.628		---	31
TOTAL	---	---	---	---	200.73	983.7	715.6	534.2	375.2	333.41	---	---	TOTAL
MEAN	---	---	---	---	6.46	32.8	23.1	17.2	12.5	10.8	---	---	MEAN
MAX	---	---	---	---	37.1	78.0	48.1	20.8	15.8	12.8	---	---	MAX
MIN	---	---	---	---	3.83	11.7	15.5	12.5	10.5	6.62	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 78.0 ON JUN 30
MINIMUM DAILY, 3.83 ON MAY 13
MAXIMUM INSTANTANEOUS,
84.2 AT 11:55 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 30 N
LONG 115 26 00 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	61 800
FEB	---	AUG	48 200
MAR	---	SEP	32 400
APR	---	OCT	28 800
MAY	17 300	NOV	---
JUN	85 000	DEC	---

TOTAL DISCHARGE, 272 000 dam³

CLEARWATER RIVER AT DRAPER - STATION NO. 07CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.48	51.38	51.08	64.08	119	215	133	101	100	92.2E	109 B	74.58	1
2	53.28	51.28	51.07	66.08	115	237	130	95.7	101	92.4E	106 B	74.08	2
3	53.08	51.28	51.08	69.58	111	258	126	92.5	102	92.6E	103 B	73.58	3
4	52.88	51.18	51.08	72.38	109	272	124	91.2	102	92.8E	101 B	73.08	4
5	52.68	51.18	51.08	76.08	107	281	122	88.8	102	93.0E	98.5B	72.58	5
6	52.48	51.18	51.08	84.08	104	286	122	88.3	102	93.5E	96.5B	72.08	6
7	52.38	51.08	51.08	90.08	101	291	140	93.8	100	94.0E	95.0B	71.58	7
8	52.28	51.08	51.08	96.08	100	288	162	104	100	94.0E	93.0B	71.08	8
9	52.18	51.08	51.08	106 B	99.9	283	179	110	101	93.0E	91.0B	70.58	9
10	52.08	51.08	51.08	116 B	99.8	284	188	113	103	92.0E	90.0B	70.18	10
11	52.08	51.08	51.08	134 B	99.9	277	190	113	107	91.0E	88.7B	68.58	11
12	52.08	51.08	51.08	167 B	99.9	265	188	113	109	91.0E	87.4B	66.08	12
13	52.08	51.08	51.08	200 E	100	250	185	112	109	92.0E	86.2B	67.08	13
14	51.88	51.08	51.08	212 B	99.8	233	183	112	109	93.0E	85.0B	65.08	14
15	51.88	51.08	51.08	210 E	101	217	185	111	106	96.0E	84.9B	63.28	15
16	51.88	51.08	51.28	200 E	102	207	185	110	108	102 E	84.0B	62.08	16
17	51.88	51.08	51.48	186 E	105	201	181	107	104	107 E	83.2B	61.58	17
18	51.88	51.08	51.88	179	114	189	175	105	102	112 E	82.5B	60.08	18
19	51.78	51.08	51.88	167	129	181	169	104	101	120 E	81.9B	59.18	19
20	51.78	51.08	52.08	160	148	177	161	103	99.0	128 E	80.9B	58.28	20
21	51.78	51.08	52.48	156	176	171	154	101	97.7	137 E	80.0B	57.58	21
22	51.68	51.08	52.88	148	208	166	148	99.5	96.0	141 E	79.4B	57.08	22
23	51.68	51.08	53.28	145	238	161	143	97.8	94.2	144 E	78.8B	56.68	23
24	51.68	51.08	53.68	143	261	160	139	96.6	94.0	147 E	78.2B	56.38	24
25	51.58	51.08	54.08	140	282	158	137	93.6	94.1	142 E	77.7B	56.08	25
26	51.58	51.08	54.88	136	248	151	132	92.1	92.2A	136 B	77.2B	55.68	26
27	51.48	51.08	55.58	132	235	147	125	89.7	92.2E	130 B	76.7B	55.28	27
28	51.48	51.08	56.58	131	220	142	118	90.5	92.1E	126 B	76.2B	54.88	28
29	51.48	51.08	58.08	127	220	138	112	95.5	92.1E	119 B	75.7B	54.48	29
30	51.38		59.48	124	210	138	108	97.5	92.0E	116 B	75.2B	54.08	30
31	51.38		61.58		208		104	99.8		112 B		53.78	31
TOTAL	1 610.9	1 483.0	1 635.1	4 041.8	4 840.3	6 422	4 648	3 121.0	3 001.5	3 409.5	2 903.6	1 986.3	TOTAL
MEAN	52.0	51.0	52.7	135	150	214	150	101	100	110	96.8	63.4	MEAN
MAX	53.4	51.3	61.5	212	282	291	190	113	109	147	109	74.6	MAX
MIN	51.3	51.0	51.0	84.0	99.8	138	104	88.3	92.0	91.0	75.2	53.7	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 291 ON JUN 7
MINIMUM DAILY, 51.08 ON FEB 7
MAXIMUM INSTANTANEOUS,
291 AT 05:00 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 40 50 N
LONG 111 15 00 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	139 000	JUL	402 000
FEB	136 000	AUG	270 000
MAR	141 000	SEP	259 000
APR	349 000	OCT	295 000
MAY	401 000	NOV	225 000
JUN	555 000	DEC	170 000

TOTAL DISCHARGE, 3 330 000 dam³

CLEARWATER RIVER NEAR DOVERCOURT - STATION NO. 05DB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.528	5.498	5.408	6.83	8.11	26.5	56.8	20.6	12.7	13.3	3.978	5.758	1
2	4.908	5.508	5.398	6.82	8.11	20.4	39.1	20.6	12.0	13.2	4.838	5.008	2
3	5.208	5.498	5.398	6.86	8.49	16.3	30.5	23.1	11.3	13.2	5.608	4.858	3
4	5.238	5.478	5.388	7.09	8.32	14.2	26.0	23.5	10.8	13.7	7.858	4.378	4
5	5.148	5.448	5.388	7.04	8.18	15.0	23.8	22.3	10.2	14.2	8.128	4.398	5
6	5.458	5.428	5.368	6.91	8.28	17.0	23.8	21.8	12.7	14.8	8.128	4.528	6
7	5.528	5.408	5.378	6.85	8.52	22.3	26.8	21.7	20.1	14.8	7.758	4.728	7
8	5.578	5.398	5.378	6.98	8.88	29.4	25.8	20.5	17.8	14.6	7.368	4.638	8
9	5.608	5.388	5.308	6.45	8.47	53.2	22.3	18.5	15.5	14.3	6.858	4.768	9
10	5.598	5.378	5.228	6.36	8.48	65.1	20.1	17.2	14.2	14.3	7.758	4.858	10
11	5.508	5.358	5.208	6.27	8.48	52.8	18.8	17.3	14.0	14.8	8.958	4.638	11
12	5.408	5.328	5.228	6.13	8.33	45.9	19.5	18.2	15.8	15.0	8.938	4.898	12
13	5.268	5.318	5.308	6.04	8.25	47.5	22.9	18.5	18.6	14.7	8.868	4.738	13
14	5.128	5.308	5.358	6.10	8.25	46.8	24.0	18.7	18.3	14.4	8.788	4.678	14
15	5.028	5.288	5.428	6.32	8.33	49.3	22.4	17.9	16.1	14.0	8.758	4.528	15
16	4.988	5.248	5.508	6.77	7.38	51.8	20.9	16.2	13.9	13.6	7.508	4.428	16
17	4.978	5.228	5.588	7.48	8.88	48.4	20.5	15.2	12.9	13.4	7.458	4.528	17
18	4.978	5.238	5.688	7.96	10.1	42.8	21.3	15.1	12.5	13.4	7.588	4.738	18
19	4.978	5.288	5.788	8.23	9.80	36.0	22.4	15.4	13.7	13.7	7.668	4.928	19
20	4.988	5.328	5.888	8.18	9.08	32.3	24.2	15.5	17.0	12.9	7.923	5.008	20
21	4.998	5.388	6.008	8.36	8.54	29.7	24.2	14.7	21.5	12.5	7.628	4.958	21
22	5.028	5.408	6.258	8.48	8.18	27.8	22.3	13.2	23.2	12.2	7.508	4.848	22
23	5.078	5.428	6.708	8.36	7.83	27.4	19.4	12.5	20.8	11.8	8.158	4.738	23
24	5.128	5.448	7.178	7.76	7.70	26.2	17.0	12.4	18.6	12.3	8.228	4.668	24
25	5.188	5.428	7.358	7.26	7.53	30.7	15.9	13.4	17.2	12.5	7.588	4.668	25
26	5.228	5.428	7.42	7.02	7.26	31.2	16.4	12.8	16.1	12.5	8.658	4.478	26
27	5.268	5.418	7.34	6.72	7.85	30.3	18.5	12.3	15.1	11.2 E	8.108	4.398	27
28	5.318	5.408	7.11	6.50	8.00	31.3	20.1	12.6	14.1	8.108	8.088	4.318	28
29	5.378	5.408	6.96	6.35	7.65	33.7	23.0	18.8	13.6	5.758	8.358	4.288	29
30	5.438		6.97	6.24	7.56	44.8	22.6	15.6	13.4	4.288	8.358	4.268	30
31	5.488		6.98		11.4		21.2	13.8		4.078		4.268	31
TOTAL	161.34	155.87	184.72	210.69	230.03	1 051.8	731.8	528.1	459.9	387.40	212.38	144.15	TOTAL
MEAN	5.20	5.37	5.96	7.02	7.42	35.1	23.6	17.0	15.3	12.5	7.08	4.65	MEAN
MAX	5.60	5.50	7.42	8.48	11.4	65.1	56.8	23.5	23.2	15.0	8.22	5.75	MAX
MIN	4.52	5.22	5.20	6.08	6.11	14.2	15.9	12.3	10.3	4.07	3.97	4.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 65.1 ON JUN 10
MINIMUM DAILY, 3.978 ON NOV 1
MAXIMUM INSTANTANEOUS,
65.9 AT 08:01 MST ON JUN 10

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 08 N
LONG 114 51 14 W
DRAINAGE AREA, 2 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 500	JUL	63 200
FEB	13 500	AUG	45 800
MAR	15 000	SEP	39 700
APR	18 200	OCT	33 500
MAY	19 500	NOV	18 300
JUN	90 900	DEC	12 500

TOTAL DISCHARGE, 385 000 dam³

COAL CREEK AT BOW CITY - STATION NO. 05BN014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.382	0.012	0.267	0.038	0.001	---	---	1
2	---	---	---	---	0	0.380	0.026	0.340	0.027	0	---	---	2
3	---	---	---	---	0	0.388	0.026	0.478	0.018	0.023	---	---	3
4	---	---	---	---	0.088	0.310	0.031	0.532	0.013	0.088	---	---	4
5	---	---	---	---	0.454	0.238	0.043	0.444	0.027	0.085	---	---	5
6	---	---	---	---	0.485	0.283	0.044	0.384	0.208	0.142	---	---	6
7	---	---	---	---	0.480	0.290	0.050	0.381	0.237	0.184	---	---	7
8	---	---	---	---	0.410	0.235	0.088	0.285	0.423	0.147	---	---	8
9	---	---	---	---	0.253	0.337	0.118	0.268	0.611	0.184	---	---	9
10	---	---	---	---	0.218	0.488	0.100	0.323	0.827	0.199	---	---	10
11	---	---	---	---	0.155	0.547	0.078	0.315	0.553	0.158	---	---	11
12	---	---	---	---	0.142	0.532	0.078	0.331	0.108	0.155	---	---	12
13	---	---	---	---	0.262	0.395	0.105	0.336	0.034	0.120	---	---	13
14	---	---	---	---	0.285	0.340	0.113	0.332	0.012	0.102	---	---	14
15	---	---	---	---	0.288	0.243	0.088	0.341	0.008	0.070	---	---	15
16	---	---	---	0.002A	0.287	0.110	0.082	0.334	0.004	0.107	---	---	16
17	---	---	---	0.001	0.287	0.080	0.158	0.340	0.001	0.047	---	---	17
18	---	---	---	0.003	0.288	0.089	0.138	0.388	0	0.018	---	---	18
19	---	---	---	0.008	0.228	0.080	0.128	0.379	0	0.013	---	---	19
20	---	---	---	0.007	0.207	0.035	0.150	0.373	0.002	0.013	---	---	20
21	---	---	---	0.004	0.241	0.058	0.167	0.385	0.011	0.012	---	---	21
22	---	---	---	0.003	0.285	0.089	0.152	0.334	0.017	0.014	---	---	22
23	---	---	---	0.002	0.218	0.117	0.128	0.338	0.014	0.017	---	---	23
24	---	---	---	0.001	0.178	0.082	0.184	0.183	0.008	0.018	---	---	24
25	---	---	---	0.002	0.222	0.047	0.238	0.170	0.005	0.0148	---	---	25
26	---	---	---	0.003	0.281	0.027	0.250	0.148	0.004	0.0108	---	---	26
27	---	---	---	0.001	0.285	0.013	0.239	0.138	0.002	0.0068	---	---	27
28	---	---	---	0.001	0.266	0.020	0.221	0.171	0.002	0.0028	---	---	28
29	---	---	---	0.001	0.253	0.030	0.307	0.188	0.002	0.0018	---	---	29
30	---		---	0	0.284	0.033	0.425	0.158	0.001	0.0018	---	---	30
31	---		---		0.338		0.351	0.059		0.0018		---	31
TOTAL	---	---	---	---	7.580	6.264	4.371	9.372	3.011	1.899	---	---	TOTAL
MEAN	---	---	---	---	0.245	0.209	0.141	0.302	0.100	0.061	---	---	MEAN
MAX	---	---	---	---	0.485	0.547	0.425	0.532	0.827	0.199	---	---	MAX
MIN	---	---	---	---	0	0.013	0.012	0.059	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.177
MAXIMUM DAILY, 0.827 ON SEP 10
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
0.844 AT 08:57 MST ON SEP 11

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 115 13 40 W
DRAINAGE AREA, 86.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	376
FEB	---	AUG	810
MAR	---	SEP	260
APR	---	OCT	164
MAY	865	NOV	---
JUN	541	DEC	---

TOTAL DISCHARGE, 2 810 dam³

COAL LAKE RESERVOIR NEAR WETASKIWIN - STATION NO. 05AA018

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	702.772	702.784	702.874	702.851	702.905	702.849	702.720	702.653	702.747	702.767	702.775	1
2	---	702.780	702.787	702.870	702.855	702.817	702.839	702.724	702.659	702.744	702.772	702.776	2
3	---	702.783	702.781	702.868	702.892	702.813	702.836	702.734	702.654	702.743	702.765	702.774	3
4	---	702.783	702.757	702.868	702.887	702.808	702.823	702.742	702.645	702.740	702.763	702.777	4
5	---	702.785	702.784	702.868	702.880	702.801	702.833	702.739	702.651	702.742	702.763	702.778	5
6	---	702.788	702.787	702.868	702.874	702.812	702.824	702.752	702.688	702.740	702.770	702 778	6
7	---	702.784	702.778	702.868	702.872	702.828	702.819	702.748	702.726	702.743	702.787	702.780	7
8	---	702.784	702.773	702.867	702.868	702.886	702.814	702.745	702.698	702.744	702.786	702 778	8
9	---	702.782	702.774	702.865	702.877	702.881	702.813	702.729	702.701	702.744	702.788	702.778	9
10	---	702.780	702.772	702.861	702.871	702.884	702.813	702.731	702.717	702.740	702.788	702.773	10
11	---	702.788	702.775	702.853	702.862	702.872	702.818	702.734	702.715	702.731	702.788	702.785	11
12	702.755	702.783	702.778	702.848	702.852	702.872	702.814	702.737	702.723	702.728	702.788	702.755	12
13	702.767	702.784	702.778	702.841	702.820	702.878	702.810	702.738	702.714	702.737	702.789	702.752	13
14	702.755	702.784	702.772	702.836	702.829	702.885	702.801	702.736	702.709	702.739	702.778	702.752	14
15	702.768	702.782	702.776	702.827	702.840	702.893	702.788	702.732	702.691	702.731	702.774	702.752	15
16	702.759	702.784	702.776	702.830	702.838	702.904	702.783	702.729	702.700	702.789	702.774	702.753	16
17	702.770	702.784	702.775	702.830	702.874	702.893	702.784	702.725	702.701	702.785	702.785	702.753	17
18	702.774	702.777	702.774	702.820	702.831	702.890	702.783	702.722	702.705	702.800	702.778	702.753	18
19	702.761	702.773	702.767	702.818	702.818	702.887	702.784	702.715	702.707	702.781	702.772	702.752	19
20	702.784	702.775	702.768	703.908	702.848	702.888	702.787	702.715	702.695	702.788	702.788	702.755	20
21	702.779	702.776	702.787	702.907	702.839	702.887	702.781	702.707	702.736	702.773	702.788	702.759	21
22	702.781	702.775	702.770	702.918	702.818	702.889	702.758	702.703	702.752	702.773	702.786	702.759	22
23	702.786	702.776	702.773	703.909	702.824	702.881	702.748	702.707	702.747	702.770	702.771	702.760	23
24	702.803	702.774	702.787	702.898	702.831	702.878	702.755	702.701	702.759	702.784	702.772	702.760	24
25	702.805	702.774	702.840	702.894	702.830	702.875	702.748	702.698	702.781	702.770	702.768	702.759	25
26	702.778	702.774	702.882	702.879	702.818	702.881	702.743	702.693	702.754	702.772	702.768	702.759	26
27	702.774	702.774	702.911	702.873	702.826	702.864	702.738	702.689	702.750	702.776	702.770	702.759	27
28	702.771	702.772	702.928	702.885	702.822	702.855	702.744	702.687	702.748	702.778	702.771	702.759	28
29	702.777	702.768	702.944	702.885	702.832	702.844	702.738	702.677	702.748	702.778	702.771	702.759	29
30	702.771		702.964	702.855	702.829	702.851	702.736	702.668	702.748	702.783	702.772	702.759	30
31	702.773		702.972		702.853		702.727	702.645		702.784		702.767	31
MEAN	---	702.781	702.805	702.828	702.847	702.884	702.789	702.717	702.712	702.758	702.772	702.764	MEAN
MAX	---	702.788	702.972	702.874	702.892	702.905	702.849	702.752	702.781	702.800	702.787	702.780	MAX
MIN	---	702.768	702.767	702.855	702.818	702.801	702.727	702.645	702.645	702.728	702.763	702.752	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 702.974 ON APR 1
MINIMUM DAILY, 702.645 ON AUG 31
MAXIMUM INSTANTANEOUS,
702.983 AT 10:20 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 07 N
LONG 113 13 09 W

REGULATED SINCE 1973

DRAINAGE AREA,
1 240 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

COLD LAKE AT COLD LAKE - STATION NO. 05AF002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	534.841	---	---	534.718A	534.814	534.891	535.124	535.083	535.021	534.868	534.826	534.814	1
2	534.841	---	---	534.708	534.816	535.013	535.117	535.074	535.022	534.862	534.780	534.808	2
3	534.842	---	---	534.717	534.816	535.080	535.117	535.070	535.013	534.878	534.801	534.807	3
4	534.841	---	---	534.726	534.818	535.048	535.116	535.076	535.015	534.883	534.806	534.804	4
5	534.839	---	---	534.728	534.818	535.083	535.088	535.068	535.003	534.885	534.809	534.781	5
6	534.838	---	---	534.732	534.818	535.083	535.088	535.075	---	534.882	534.788	534.782	6
7	534.838	---	---	534.741	534.820	535.070	535.105	535.087	---	534.878	534.786	534.782	7
8	534.839	---	---	534.744	534.824	535.083	535.101	535.041	---	534.878	534.805	534.783	8
9	534.839	---	---	534.747	534.825	535.109	535.119	535.069	---	534.875	534.838	534.783	9
10	534.848	---	---	534.753	534.826	535.121	535.103	535.057	---	534.875	534.835	534.784	10
11	534.853	---	---	534.757	534.828	535.128	535.114	535.082	---	534.871	534.809	534.780	11
12	534.853	---	---	534.764	534.830	535.106	535.110	535.053	---	534.873	534.807	534.780	12
13	534.850	---	---	534.768	534.828	535.085	535.108	535.048	---	534.868	534.820	534.748	13
14	534.852	534.739A	534.731A	534.775	534.768	535.101	535.119	535.026	---	534.867	534.837	534.748	14
15	534.848	---	---	534.776	534.811	535.085	535.108	535.048	---	534.881	534.832	534.745	15
16	534.848	---	---	534.778	534.805	535.091	535.108	535.053	---	534.932	534.820	534.743	16
17	534.847	---	---	534.777	534.822	535.135	535.118	535.061	---	534.882	534.818	534.743	17
18	534.848	---	---	534.784	534.877	535.142	535.113	535.058	534.938A	534.888	534.802	534.743	18
19	534.847	---	---	534.788	534.870	535.132	535.111	535.027	534.926	534.883	534.807	534.744	19
20	534.847	---	---	534.790	534.870	535.157	535.078	535.021	534.920	534.885	534.801	534.748	20
21	534.851	---	---	534.792	534.814	535.155	535.088	535.028	534.887	534.883	534.784	534.743	21
22	534.853A	---	---	534.797	534.821	535.144	535.092	535.018	534.878	534.827	534.783	534.742	22
23	---	---	---	534.800	534.878	535.165	535.078	535.009	534.883	534.887	534.787	534.741	23
24	---	---	---	534.804	534.934	535.148	535.087	535.028	534.888	534.888	534.768	534.741	24
25	---	---	---	534.807	534.888	535.136	535.103	535.028	534.948	534.880	534.788	534.741	25
26	---	---	---	534.804	534.862	535.138	535.108	535.035	534.905	534.838	534.778	534.741	26
27	---	---	---	534.807	534.884	535.145	535.107	535.014	534.911	534.838	534.780	534.741	27
28	---	---	---	534.813	534.880	535.141	535.078	535.007	534.888	534.830	534.780	534.741	28
29	---	---	---	534.811	534.865	535.121	535.087	534.972	534.878	534.819	534.807	534.738	29
30	---		534.726A	534.813	534.881	535.126	535.088	535.001	534.885	534.801	534.780	534.739	30
31	---		534.720A		535.013		535.090	535.018		534.800		534.738	31
MEAN	---	---	---	534.771	534.870	535.105	535.103	535.041	---	534.885	534.804	534.764	MEAN
MAX	---	---	---	534.813	535.013	535.157	535.124	535.083	---	534.932	534.838	534.814	MAX
MIN	---	---	---	534.708	534.768	534.891	535.078	534.972	---	534.800	534.778	534.738	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 535.157 ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 15 N
LONG 110 10 55 W

A - MANUAL GAUGE

DRAINAGE AREA,
8 510 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

COLQUHOUN CREEK NEAR GRANDE PRAIRIE - STATION NO 07GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0888	0.037	0.105	0.048	0	0	0	---	---	1
2	---	---	0 B	0.0798	0.038	0.102	0.045	0	0	0	---	---	2
3	---	---	0 B	0.0888	0.038	0.094	0.040	0	0	0.001	---	---	3
4	---	---	0 B	0.0858	0.037	0.093	0.044	0	0	0.002	---	---	4
5	---	---	0 B	0.0338	0.038	0.103	0.058	0	0	0.003	---	---	5
6	---	---	0 B	0.0438	0.044	0.145	0.054	0	0.001	0.002	---	---	6
7	---	---	0 B	0.0238	0.040	1.01	0.058	0	0.008	0.003	---	---	7
8	---	---	0.0018	0.0088	0.048	2.30	0.053	0	0.008	0.003	---	---	8
9	---	---	0.0018	0.0088	0.058	1.48	0.054	0	0.001	0.008	---	---	9
10	---	---	0.0018	0.0078	0.052	0.820	0.043	0	0	0.008	---	---	10
11	---	---	0.0018	0.0078	0.047	0.508	0.035	0	0.005	0.006	---	---	11
12	---	---	0.0018	0.0088	0.047	0.331	0.031	0	0.013	0.006	---	---	12
13	---	---	0.0018	0.0088	0.047	0.215	0.024	0	0.015	0.007	---	---	13
14	---	---	0.0018	0.0128	0.041	0.132	0.018	0	0.015	0.008	---	---	14
15	---	---	0.0018	0.018	0.038	0.093	0.010	0	0.014	0.010	---	---	15
16	---	---	0.0018	0.017	0.086	0.085	0.008	0.001	0.012	0.0108	---	---	16
17	---	---	0.0018	0.021	0.217	0.088	0.002	0	0.010	0.0188	---	---	17
18	---	---	0.0018	0.026	0.241	0.051	0	0	0.008	0.0218	---	---	18
19	---	---	0.0018	0.037	0.187	0.031	0	0.001	0.007	0.0208	---	---	19
20	---	---	0.0088	0.040	0.147	0.010	0	0.003	0.008	0.0218	---	---	20
21	---	0 B	0.0288	0.045	0.142	0.007	0	0.003	0.003	0.0218	---	---	21
22	---	0.0018	0.0388	0.044	0.233	0.008	0	0.002	0.003	0.0218	---	---	22
23	---	0.0028	0.0388	0.041	0.208	0.005	0.001	0.002	0.002	0.0188	---	---	23
24	---	0.0048	0.0558	0.043	0.158	0.005	0	0.002	0.001	0.0138	---	---	24
25	---	0.0088	0.0938	0.048	0.130	0.008	0.002	0.001	0	0.0088	---	---	25
26	---	0.0038	0.0858	0.044	0.108	0.018	0.003	0.001	0	0.0058	---	---	26
27	---	0.0028	0.0908	0.043	0.087	0.021	0.002	0	0	0.0028	---	---	27
28	---	0.0018	0.0888	0.042	0.078	0.007	0.001	0	0	0 B	---	---	28
29	---	0.0018	0.1128	0.042	0.088	0.024	0	0	0	0 B	---	---	29
30	---	---	0.1138	0.041	0.110	0.043	0	0	0	0 B	---	---	30
31	---	---	0.0948	---	0.107	---	0	---	0	0 B	---	---	31
TOTAL	---	---	0.883	1.041	3.977	7.818	0.830	0.018	0.130	0.240	---	---	TOTAL
MEAN	---	---	0.028	0.035	0.086	0.284	0.020	0.001	0.004	0.008	---	---	MEAN
MAX	---	---	0.113	0.088	2.30	2.30	0.058	0.003	0.015	0.021	---	---	MAX
MIN	---	---	0	0.007	0.037	0.008	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.056
MAXIMUM DAILY, 2.30 ON JUN 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.55 AT 03:00 MST ON JUN 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 07 N
LONG 119 08 43 W

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	64.4
FEB	---	AUG	1.38
MAR	74.5	SEP	11.2
APR	89.9	OCT	20.7
MAY	267	NOV	---
JUN	584	DEC	---

TOTAL DISCHARGE, 1 130 dam³

COLUMBINE CREEK NEAR THE MOUTH - STATION NO. 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.8508	0.060E	0.084E	0.014E	0.001E	0.001E	0.005E	08	---	1
2	---	---	0.0018	0.6398	0.059A	0.068E	0.010E	0.001E	0.001E	0.003E	08	---	2
3	---	---	0.0018	0.4708	0.059E	0.055E	0.002A	0.001E	0.001E	0.001A	08	---	3
4	---	---	0.0018	0.4318	0.063E	0.054E	0.001E	0.001E	0.001E	0.001E	08	---	4
5	---	---	0.0018	0.3368	0.068E	0.060E	0.001E	0.001E	0.001E	0.001E	08	---	5
6	---	---	0.0018	0.2428	0.054E	0.053E	0.008E	0.002E	0.001E	0.001E	08	---	6
7	---	---	0.0018	0.1928	0.051E	0.065A	0.011E	0.008E	0.002E	0.001E	08	---	7
8	---	---	0.0018	0.1698	0.051E	0.077E	0.010E	0.006E	0.009E	0.001E	08	---	8
9	---	---	0.0018	0.1138	0.053E	0.090E	0.010E	0.004E	0.013E	0.001E	---	---	9
10	---	---	0.0018	0.0908	0.055E	0.080E	0.009E	0.001E	0.014E	0.001E	---	---	10
11	---	---	0.0018	0.0778	0.057E	0.075E	0.008E	0.001E	0.013E	0.001E	---	---	11
12	---	---	0.0018	0.0638	0.058E	0.074E	0.007E	0.001E	0.014E	0.001E	---	---	12
13	---	---	0.0018	0.0648	0.056E	0.073E	0.008E	0.001E	0.015E	0.001E	---	---	13
14	---	---	0.0018	0.0668	0.055E	0.073E	0.013E	0.001E	0.014E	0.001E	---	---	14
15	---	---	0.0018	0.0688	0.056E	0.070E	0.012E	0.001E	0.012E	0.001E	---	---	15
16	---	---	0.0018	0.068E	0.054E	0.068E	0.011E	0.001E	0.010E	0.001E	---	---	16
17	---	---	0.0018	0.067E	0.011E	0.073E	0.011E	0.001E	0.008E	0.001E	---	---	17
18	---	---	0.0018	0.103E	0.048E	0.073E	0.011E	0.001E	0.006E	0.001E	---	---	18
19	---	---	0.0018	0.116E	0.056E	0.072E	0.011E	0.001E	0.005E	0.001E	---	---	19
20	---	---	0.0018	0.133E	0.061E	0.071E	0.011E	0.001E	0.003E	0.003E	---	---	20
21	---	---	0.0018	0.113E	0.064E	0.068E	0.012E	0.001E	0.003E	0.003E	---	---	21
22	---	---	0.0018	0.094E	0.063E	0.061E	0.011E	0.001E	0.004E	0.003E	---	---	22
23	---	---	0.0058	0.078E	0.065E	0.057E	0.008E	0.001E	0.004E	0.002E	---	---	23
24	---	---	0.0148	0.075E	0.068E	0.054E	0.002E	0.001E	0.027E	0.002E	---	---	24
25	---	---	0.0238	0.071E	0.080E	0.048E	0.001E	0.001E	0.058E	0.001E	---	---	25
26	---	---	0.0508	0.067E	0.058E	0.038E	0.001E	0.001E	0.037E	0.001E	---	---	26
27	---	---	0.1508	0.068E	0.063E	0.033E	0.001E	0.001E	0.023E	0.001E	---	---	27
28	---	---	0.4508	0.076E	0.040E	0.026E	0.001E	0.001E	0.017E	0.001E	---	---	28
29	---	---	1.70 B	0.072E	0.047E	0.022E	0.002E	0.001E	0.012E	0.001E	---	---	29
30	---	---	1.48 B	0.067E	0.044E	0.017E	0.003E	0.001A	0.008E	0.001E	---	---	30
31	---	---	1.30 B	---	0.048E	---	0.001A	0.001E	---	0.001E	---	---	31
TOTAL	---	---	8.884	5.284	1.867	1.833	0.232	0.047	0.337	0.045	---	---	TOTAL
MEAN	---	---	0.163	0.175	0.054	0.061	0.007	0.002	0.011	0.001	---	---	MEAN
MAX	---	---	1.70	0.850	0.088	0.090	0.014	0.008	0.058	0.005	---	---	MAX
MIN	---	---	0.001	0.067	0.011	0.017	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.70B ON MAR 29

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 21 N
LONG 111 08 33 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.2
FEB	---	AUG	4.08
MAR	438	SEP	28.1
APR	455	OCT	3.89
MAY	145	NOV	---
JUN	158	DEC	---

REMARKS - DATA 1979-1981 CONTRIBUTED BY PROVINCE AND PUBLISHED UNDER 05AA001

CONNOR CREEK NEAR SANGUDO - STATION NO. 07BB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2698	0.001	0.001	0.008	0	0	0	---	---	1
2	---	---	0 B	0.2488	0	0.001	0.007	0	0	0	---	---	2
3	---	---	0 B	0.1878	0	0	0.005	0	0	0	---	---	3
4	---	---	0 B	0.1078	0.003	0	0.005	0	0	0	---	---	4
5	---	---	0 B	0.0748	0.003	0.001	0.005	0	0	0	---	---	5
6	---	---	0 B	0.042	0.003	0.031	0.008	0	0	0	---	---	6
7	---	---	0 B	0.022	0.003	0.189	0.008	0	0	0	---	---	7
8	---	---	0 B	0.036	0.008	0.772	0.008	0	0	0	---	---	8
9	---	---	0 B	0.042	0.011	2.05	0.007	0	0	0	---	---	9
10	---	---	0 B	0.035	0.015	2.38	0.006	0	0	0	---	---	10
11	---	---	0 B	0.038	0.017	1.59	0.008	0	0	0	---	---	11
12	---	---	0 B	0.043	0.118	0.898	0.008	0	0	0	---	---	12
13	---	---	0 B	0.045	0.078	0.233	0.007	0	0	0	---	---	13
14	---	---	0 B	0.044	0.007	0.077	0.006	0	0	0	---	---	14
15	---	---	0 B	0.043	0.002	0.013	0.005	0	0	0	---	---	15
16	---	---	0 B	0.039	0.007	0.001	0.004	0	0	0	---	---	16
17	---	---	0 B	0.033	0.012	0.003	0.003	0	0	0	---	---	17
18	---	---	0 B	0.026	0.022	0.013	0.002	0	0	0B	---	---	18
19	---	---	0.0018	0.022	0.012	0.018	0.002	0	0	0B	---	---	19
20	---	---	0.0238	0.017	0.001	0.018	0.002	0	0	0B	---	---	20
21	---	---	0.0748	0.013	0	0.018	0.002	0	0	0B	---	---	21
22	---	---	0.1558	0.008	0	0.017	0.001	0	0	0B	---	---	22
23	---	---	0.3638	0.003	0	0.018	0	0	0	0B	---	---	23
24	---	---	0.4508	0.003	0	0.015	0	0	0	0B	---	---	24
25	---	---	0.5348	0.003	0	0.015	0	0	0	0B	---	---	25
26	---	---	0.5898	0.003	0	0.014	0	0	0	0B	---	---	26
27	---	---	0.4908	0.003	0	0.012	0	0	0	0B	---	---	27
28	---	---	0.3948	0.002	0	0.011	0	0	0	0B	---	---	28
29	---	---	0.3408	0.002	0	0.011	0	0	0	0B	---	---	29
30	---		0.2308	0.001	0	0.011	0	0	0	0B	---	---	30
31	---		0.1678		0		0	0		0B		---	31
TOTAL	---	---	3.780	1.443	0.324	8.227	0.117	0	0	0	---	---	TOTAL
MEAN	---	---	0.122	0.048	0.010	0.274	0.004	0	0	0	---	---	MEAN
MAX	---	---	0.569	0.269	0.118	2.38	0.008	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.057
MAXIMUM DAILY, 2.38 ON JUN 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.51 AT 00:50 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 23 N
LONG 114 56 39 W
DRAINAGE AREA, 165 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 1
FEB	---	AUG	0
MAR	327	SEP	0
APR	125	OCT	0
MAY	28 0	NOV	---
JUN	711	DEC	---

TOTAL DISCHARGE, 1 200 dam³

COOKING LAKE AT COOKING LAKE - STATION NO. 05EB012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.682	1.628	---	1.586	1.457	1.523	1.570	---	1
2	---	---	---	---	1.672	1.638	1.615	1.571	1.447	1.523	---	---	2
3	---	---	---	---	1.662	1.643	1.620	1.586	1.457	1.526	---	---	3
4	---	---	---	---	1.652	1.653	1.615	---	1.457	1.526	---	---	4
5	---	---	---	---	1.662	1.649	1.635	1.581	1.455	1.523	---	---	5
6	---	---	---	---	1.667	1.669	1.630	1.556	---	1.523	---	---	6
7	---	---	---	---	1.652	1.694	1.580	1.546	1.437	1.526	---	---	7
8	---	---	1.685	---	1.647	1.694	1.610	1.526	1.497	---	---	---	8
9	---	---	---	---	1.648	1.684	1.595	1.531	1.517	1.526	---	---	9
10	---	---	---	---	1.638	1.679	1.605	1.531	1.522	1.526	---	---	10
11	---	---	---	---	1.648	1.684	1.595	1.541	1.507	---	---	---	11
12	---	---	---	---	1.648	1.679	---	1.536	1.522	1.523	---	---	12
13	---	---	---	---	---	1.679	1.625	1.531	1.522	1.478	---	---	13
14	---	---	---	---	1.643	1.679	---	1.531	1.517	1.488	---	---	14
15	---	---	---	---	1.648	1.674	---	---	1.517	1.508	---	---	15
16	---	---	---	---	1.653	1.664	1.625	---	1.517	1.488	---	---	16
17	---	---	---	---	---	1.659	1.615	---	1.517	1.518	---	---	17
18	---	---	---	---	1.643	1.659	1.610	---	1.517	1.553	---	---	18
19	---	---	---	---	1.653	1.657	1.605	---	1.512	1.558	---	---	19
20	---	---	---	---	1.633	1.664	1.610	---	1.527	---	---	---	20
21	---	---	---	---	1.623	1.654	1.605	1.501	1.548	---	---	---	21
22	---	---	---	---	1.653	1.654	1.605	1.488	1.548	---	---	---	22
23	---	---	---	---	1.653	1.654	1.600	1.508	1.538	---	---	---	23
24	---	---	---	---	1.643	1.654	1.595	1.498	1.533	---	---	---	24
25	---	---	---	---	1.638	1.644	1.595	1.482	1.528	---	---	---	25
26	---	---	---	1.687	---	1.638	1.585	1.487	1.533	---	---	---	26
27	---	---	---	---	1.643	1.644	1.590	1.487	1.533	---	---	---	27
28	---	---	---	---	1.638	1.654	1.605	1.497	1.528	---	---	---	28
29	---	---	---	---	1.643	1.659	1.581	1.487	1.528	---	---	---	29
30	---		1.692	---	1.648	1.654	1.581	1.493	1.528	---	---	---	30
31	---		---		---		1.576	1.472		---		---	31
MEAN	---	---	---	---	---	1.653	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	1.694	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	1.628	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.694 ON JUN 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 24 59 N
LONG 113 07 15 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DRAINAGE AREA,
194 km²

COTTONWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.113E	0.080	0.038	0.033	0	0	0	---	---	1
2	---	---	---	0.113E	0.078	0.036	0.017	0	0	0	---	---	2
3	---	---	---	0.113E	0.083	0.029	0.038	0	0	0	---	---	3
4	---	---	---	0.113E	0.072	0.033	0.017	0	0	0	---	---	4
5	---	---	---	0.119A	0.069	0.035	0.010	0	0	0	---	---	5
6	---	---	---	0.100	0.078	0.036	0.017	0	0	0	---	---	6
7	---	---	---	0.084	0.084	0.037	0.032	0	0	0	---	---	7
8	---	---	---	0.077	0.078	0.050	0.025	0	0	0	---	---	8
9	---	---	---	0.072	0.070	0.104	0.029	0	0	0	---	---	9
10	---	---	---	0.087	0.087	0.089	0.023	0	0	0	---	---	10
11	---	---	---	0.082	0.032	0.066	0	0	0	0	---	---	11
12	---	---	---	0.053	0.048	0.050	0	0	0	0	---	---	12
13	---	---	---	0.051	0.049	0.046	0	0	0	0	---	---	13
14	---	---	---	0.049	0.051	0.038	0	0	0	0	---	---	14
15	---	---	---	0.045	0.056	0.036	0	0	0	0	---	---	15
16	---	---	---	0.045	0.110	0.037	0	0	0	0	---	---	16
17	---	---	---	0.049	0.087	0.033	0	0	0	0	---	---	17
18	---	---	---	0.107	0.069	0.038	0	0	0	0	---	---	18
19	---	---	---	0.170	0.053	0.032	0	0	0	0	---	---	19
20	---	---	---	0.318	0.081	0.036	0	0	0	0	---	---	20
21	---	---	---	0.205	0.055	0.131	0	0	0	0	---	---	21
22	---	---	---	0.115	0.051	0.221	0	0	0	0	---	---	22
23	---	---	---	0.084	0.051	0.081	0	0	0	0	---	---	23
24	---	---	---	0.069	0.058	0.058	0	0	0	0	---	---	24
25	---	---	---	0.059	0.076	0.043	0	0	0	0	---	---	25
26	---	---	---	0.062	0.080	0.027	0	0	0	0	---	---	26
27	---	---	---	0.087	0.074	0.038	0	0	0	0	---	---	27
28	---	---	---	0.104	0.067	0.038	0	0	0	0	---	---	28
29	---	---	---	0.098	0.051	0.027	0	0	0	0	---	---	29
30	---	---	---	0.087	0.046	0.042	0	0	0	0	---	---	30
31	---		---		0.037		0	0		0			31
TOTAL	---	---	---	2.914	2.057	1.601	0.241	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.097	0.066	0.053	0.008	0	0	0	---	---	MEAN
MAX	---	---	---	0.318	0.110	0.221	0.038	0	0	0	---	---	MAX
MIN	---	---	---	0.045	0.032	0.027	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.221 ON JUN 23
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
0.334 AT 06:45 MST ON APR 20

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 36 N
LONG 113 50 50 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	20.8
FEB	---	AUG	0
MAR	---	SEP	0
APR	253	OCT	0
MAY	178	NOV	---
JUN	136	DEC	---

TOTAL DISCHARGE, 337 dam³

COYOTE CREEK NEAR CHERMILL - STATION NO. 07EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.080	0.062	0.003	0.004	0.003	0	0.001	---	---	1
2	---	---	0 B	0.055	0.062	0.003	0.003	0.002	0	0.001	---	---	2
3	---	---	0.0018	0.036	0.063	0.003	0.003	0.001	0	0.001	---	---	3
4	---	---	0.0018	0.014	0.063	0.002	0.003	B	0	0.001	---	---	4
5	---	---	0.0028	0.004	0.004	0.002	0.003	B	0	0.001	---	---	5
6	---	---	0.0038	0.004	0.004	0.003	0.003	0	0	0.001	---	---	6
7	---	---	0.0038	0.004	0.010	0.034	0.003	0	0	0.001	---	---	7
8	---	---	0 B	0.003	0.004	0.134	0.002	0	0	0.001	---	---	8
9	---	---	0 B	0.003	0.003	0.436	0.177	0	0	0.001	---	---	9
10	---	---	0 B	0.003	0.003	0.734	0.047	0	0	0.001	---	---	10
11	---	---	0 B	0.003	0.009	0.652	0.004	0	0	0.001	---	---	11
12	---	---	0 B	0.003	0.012	0.453	0.004	0	0	0.001	---	---	12
13	---	---	0 B	0.003	0.003	0.548	0.003	0	0	0.001	---	---	13
14	---	---	0 B	0.004	0.002	0.399	0.002	0	0	0.001	---	---	14
15	---	---	0 B	0.005	0.002	0.223	0.002	0	0	0.001	---	---	15
16	---	---	0 B	0.005	0.003	0.178	0.001	0	0.001	0.001	---	---	16
17	---	---	0 B	0.005	0.003	0.108		0	0.002	0.0018	---	---	17
18	---	---	0 B	0.005	0.003	0.050		0	0.003	0.0018	---	---	18
19	---	---	0.0018	0.004	0.018	0.034		0	0.001	0.0018	---	---	19
20	---	---	0.0028	0.004	0.011	0.031		0	0.001	0.0018	---	---	20
21	---	---	0.0108	0.004	0.012	0.026		0	0.002	0 B	---	---	21
22	---	---	0.0408	0.004	0.003	0.020		0	0.002	0 B	---	---	22
23	---	---	0.1508	0.004	0.003	0.014	0.012	0	0.002	0 B	---	---	23
24	---	---	0.5808	0.005	0.002	0.008	0.008	0	0.002	0 B	---	---	24
25	---	---	0.5008	0.004	0.006	0.007	0.005	0	0.002	0 B	---	---	25
26	---	---	0.5958	0.003	0.003	0.006	0.004	0	0.002	0 B	---	---	26
27	---	---	0.4258	0.003	0.003	0.005	0.003	0	0.001	0 B	---	---	27
28	---	---	0.3808	0.003	0.002	0.004	0.002	0	0.001	0 B	---	---	28
29	---	---	0.2338	0.003	0.003	0.004	0.011	0	0.001	0 B	---	---	29
30	---	---	0.1858	0.003	0.003	0.004	0.008	0		0 B	---	---	30
31	---		0.110		0.003		0.004	0					31
TOTAL	---	---	3.334	0.278	0.147	4.028	0.333	0.006	0.033	0.020	---	---	TOTAL
MEAN	---	---	0.107	0.008	0.005	0.134	0.010	0	0.001	0.001	---	---	MEAN
MAX	---	---	0.600	0.080	0.010	0.734	0.177	0.003	0.003	0.001	---	---	MAX
MIN	---	---	0	0.002	0.002	0.002	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.734 ON JUN 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.756 AT 14:00 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 52 22 N
LONG 114 40 10 W

DRAINAGE AREA, 97.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	27.9
FEB	---	AUG	0.93
MAR	287	SEP	1.89
APR	24.1	OCT	1.73
MAY	12.7	NOV	---
JUN	346	DEC	---

TOTAL DISCHARGE, 704 dam³

CRESSDAY RESERVOIR NEAR CRESSDAY - STATION NO. 11AB007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	983.185	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	982.427	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	982.677	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	983.030E	983.230E	983.170E	983.035E	982.855E	982.840E	982.495E	982.415E	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	982.477	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	983.180E	983.315E	983.135E	982.880E	982.780E	982.585E	982.460E	982.395E	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	982.810	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	982.810E	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	983.244	983.195E	---	982.520E	---	---	982.435E	---	---	---	27
28	---	---	983.242E	---	983.090E	---	982.700E	982.540E	---	982.380E	---	---	28
29	---	982.955E	---	---	---	---	---	---	---	---	---	---	29
30	---		---	983.185E	983.084	982.900E	---	---	982.430E	982.375	---	---	30
31	---		983.240E		983.075E		982.677	982.525E		982.374E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 02 N
LONG 110 15 40 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
54.6 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CROWFOOT CREEK NEAR CLUNY - STATION NO. 05BM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.015	0.733	0.018	1.12	1.46	2.03	1.38	1.76	0.120B	---	1
2	---	---	0.013	0.613	0.010	0.972	1.15	3.72	1.41	1.54	0.110B	---	2
3	---	---	0.013	0.478	0.008	1.07	0.926	3.08	1.38	1.36	0.105B	---	3
4	---	---	0.012	0.411	0.013	1.04	0.838	2.94	1.36	1.16	0.100B	---	4
5	---	---	0.018	0.386	0.367	0.906	0.672	2.86	1.31	0.934	0.098B	---	5
6	---	---	0.020	0.313	0.768	0.812	0.636	2.57	1.29	0.727	0.096B	---	6
7	---	---	0.024	0.280	1.24	0.644	0.578	2.36	1.37	0.647	0.094B	---	7
8	---	---	0.028	0.268	1.37	1.00	0.608	2.35	1.61	0.521	0.091B	---	8
9	---	---	0.027	0.284	1.33	1.19	0.789	2.10	1.75	0.496	0.088B	---	9
10	---	---	0.029	0.312	1.32	1.73	0.898	1.87	1.70	0.481	0.085B	---	10
11	---	---	0.021	0.180	1.24	2.02	0.811	1.99	1.62	0.530	0.082B	---	11
12	---	---	0.018	0.164	1.11	2.08	0.762	1.81	1.71	0.320	0.079B	---	12
13	---	---	0.016	0.133	1.01	1.86	0.687	1.69	1.80	0.439	0.076B	---	13
14	---	---	0.014	0.108	0.886	1.67	0.582	1.52	1.94	0.375	0.073B	---	14
15	---	---	0.011	0.078	0.668	1.62	0.409	1.48	1.87	0.293	0.070B	---	15
16	---	---	0.007	0.047	0.898	1.31	0.358	1.47	1.88	0.185	0.068B	---	16
17	---	---	0.004	0.023	0.853	1.20	0.365	1.40	1.88	0.126	0.082B	---	17
18	---	---	0.005	0.041	1.10	1.20	0.375	1.30	1.82	0.143B	0.058B	---	18
19	---	---	0.013	0.058	1.23	1.01	0.384	1.35	1.47	0.101B	0.054B	---	19
20	---	---	0.023	0.080	1.22	0.855	0.442	1.45	1.87	0.088B	0.051B	---	20
21	---	---	0.048	0.087	1.10	0.754	0.394	1.85	1.88	0.095B	0.048B	---	21
22	---	---	0.231B	0.110	1.09	0.878	0.390	1.88	1.83	0.084B	0.046B	---	22
23	---	---	0.228B	0.131	1.08	1.34	0.354	1.87	2.25	0.077B	0.040B	---	23
24	---	---	0.504B	0.122	1.09	1.48	0.347	1.48	2.63	0.100B	0.037B	---	24
25	---	---	1.80 B	0.098	1.13	1.82	0.593	1.40	3.00	0.095	0.034B	---	25
26	---	---	1.85 B	0.076	1.25	1.84	0.743	1.32	3.21	0.111	0.030B	---	26
27	---	0.004A	1.89 B	0.049	1.33	1.83	0.758	1.24	3.18	0.101	0.038B	---	27
28	---	0.009	1.13 B	0.035	1.42	1.73	0.736	1.23	2.72	0.096	0.023B	---	28
29	---	0.013	0.885B	0.031	1.33	1.70	0.650	1.24	2.32	0.190A	0.019B	---	29
30	---		0.605B	0.024	1.14	1.75	1.59	1.23	2.00	0.160E	0.014B	---	30
31	---		0.769		1.13		1.74	1.24		0.120E		---	31
TOTAL	---	---	10.350	5.589	30.117	40.351	21.986	55.70	56.37	13.631	1.973	---	TOTAL
MEAN	---	---	0.334	0.186	0.972	1.35	0.709	1.80	1.88	0.440	0.066	---	MEAN
MAX	---	---	1.80	0.733	1.42	2.08	1.74	3.06	3.21	1.76	0.120	---	MAX
MIN	---	---	0.004	0.023	0.008	0.754	0.354	1.23	1.29	0.089	0.014	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.955
MAXIMUM DAILY, 3.21 ON SEP 26
MINIMUM DAILY, 0.004 ON MAR 17
MAXIMUM INSTANTANEOUS,
3.33 AT 19:52 MST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 00 N
LONG 113 45 40 W
DRAINAGE AREA, 1 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 1 800	
FEB	---	AUG 4 810	
MAR	894	SEP 4 870	
APR	483	OCT 1 180	
MAY 2 800		NOV 170	
JUN 3 490		DEC ---	

TOTAL DISCHARGE, 20 200 dam³

CROWSNEST RIVER AT FRANK - STATION NO. 05AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08	1.41	1.05	1.20	2.39	11.5	8.22	3.51	1.53	2.00	1.23	1.12 B	1
2	1.06	1.36	1.03	1.18	2.46	9.84	7.57	3.67	1.54	1.88	1.28	1.09 B	2
3	1.05	1.38	1.02	1.17	2.49	9.03	7.18	4.24	1.52	2.04	1.57	1.13 B	3
4	1.76	1.35	0.9859	1.18	2.38	8.73	6.94	3.90	1.52	2.11	1.73	1.00 B	4
5	4.06	1.34	1.03 B	1.24	2.43	8.67	6.85	3.71	1.64	2.23	1.70	0.887	5
6	2.65	1.34	1.04	1.29	2.46	8.70	6.95	3.77	1.93	2.24	1.65	0.896	6
7	2.58	1.31	1.02	1.28	2.46	8.66	6.89	3.48	1.83	2.24	1.64	0.853	7
8	2.37	1.30	1.01	1.28	2.83	8.83	6.39	3.25	1.66	2.27	1.58 B	1.04	8
9	2.06	1.25	1.04	1.26	3.82	10.5	5.98	3.16	1.91	2.17	1.60 B	1.11	9
10	2.02	1.24	1.05	1.28	3.57	10.2	5.67	3.05	1.95	2.16	1.53 B	1.17	10
11	2.00	1.22	1.04	1.29	3.44	9.97	5.54	2.97	1.95	2.20	1.57	1.21 B	11
12	1.91	1.21	1.06	1.28	3.47	10.2	5.52	2.91	1.97	2.26	1.53	1.18	12
13	1.838	1.25	1.03 B	1.28	3.63	10.6	5.38	2.86	1.91	2.27	1.59	1.15	13
14	1.418	1.20	0.9878	1.35	4.59	11.1	5.24	2.71	1.87	2.31	1.58 B	1.11	14
15	1.558	1.15	1.06 B	1.55	6.85	12.0	5.10	2.61	1.88	2.08	1.32 B	1.21	15
16	1.82	1.158	1.12 B	2.17	9.97	12.0	4.91	2.55	1.80	2.07	1.36 B	1.24 B	16
17	1.828	1.108	1.11	3.18	8.61	11.5	4.76	2.50	1.71	2.07	1.38 B	1.59 B	17
18	1.81	1.118	1.15	3.48	7.58	10.5	4.62	2.44	1.83	2.04	1.65 B	1.49 B	18
19	1.988	1.148	1.15	3.63	7.44	9.83	4.55	2.38	1.66	1.87	1.48	1.48	19
20	2.038	1.19	1.09	3.64	8.37	9.54	4.44	2.33	1.60	1.85	1.52	1.38	20
21	1.73	1.15	1.18	3.48	7.80	10.1	4.37	2.25	2.40	1.81	1.51	1.22	21
22	1.48	1.15	1.26	3.59	7.33	10.5	4.20	2.23	2.26	1.89	1.22	1.01	22
23	1.48	1.14	1.28	3.39	7.30	9.59	3.92	2.17	2.16	1.94	1.36	1.08 B	23
24	1.50	1.11	1.28	3.13	6.98	9.31	3.78	2.13	2.07	1.91	1.36	1.04 B	24
25	1.67	1.13	1.24	3.00	6.71	9.35	3.68	2.11	2.03	1.98	0.914	1.04	25
26	1.63	1.11	1.22	3.84	6.63	9.34	3.61	2.07	1.98	1.92	0.956	0.983	26
27	1.65	1.07	1.22	3.84	6.46	9.25	3.67	1.93	1.95	1.778	1.06	1.26 B	27
28	1.68	1.08	1.32	3.54	6.40	9.14	3.60	2.04	1.87	1.668	1.10	1.15 B	28
29	1.58	1.07	1.20	3.46	7.12	9.13	3.66	1.92	2.00	1.628	1.18	1.11 B	29
30	1.52		1.18	3.43	10.1	9.06	3.84	1.80	1.88	1.438	1.14	1.01 B	30
31	1.48		1.18		13.2		3.58	1.87		1.268		0.9868	31
TOTAL	56.05	35.01	34.512	84.87	178.88	287.86	180.78	84.71	58.07	61.57	42.270	35.717	TOTAL
MEAN	1.81	1.21	1.11	3.16	5.71	9.93	5.18	2.73	1.84	1.98	1.41	1.15	MEAN
MAX	4.06	1.41	1.26	3.84	13.2	12.0	8.22	4.24	2.40	2.27	1.73	1.84	MAX
MIN	1.06	1.07	0.985	1.17	2.38	8.67	3.58	1.80	1.83	1.20	0.914	0.887	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.03
MAXIMUM DAILY, 13.2 ON MAY 31
MINIMUM DAILY, 0.887 ON DEC 5
MAXIMUM INSTANTANEOUS,
13.6 AT 08:18 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 49 N
LONG 114 24 33 W
DRAINAGE AREA, 402 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 840	JUL	13 900
FEB	3 020	AUG	7 320
MAR	2 980	SEP	5 020
APR	5 590	OCT	5 320
MAY	15 300	NOV	3 650
JUN	25 700	DEC	3 080

TOTAL DISCHARGE, 85 700 dam³

CUTBANK RIVER NEAR GRANDE PRAIRIE - STATION NO 07CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2838	1.018	5.36	10.6	4.23	1.04	1.03	7.58	---	---	1
2	---	---	0.2838	1.188	7.18	11.3	3.61	1.22	1.08	9.01	---	---	2
3	---	---	0.2888	1.388	8.08	10.5	2.85	1.78	1.10	10.7	---	---	3
4	---	---	0.3068	1.868	8.75	8.44	2.61	1.64	1.08	10.7	---	---	4
5	---	---	0.3178	2.008	7.98	8.06	2.73	1.40	1.10	9.11	---	---	5
6	---	---	0.3858	1.948	7.85	10.5	2.82	1.25	1.74	7.46	---	---	6
7	---	---	0.3818	2.088	8.18	29.3	2.66	1.36	6.65	6.35	---	---	7
8	---	---	0.3848	2.068	8.24	44.3	2.65	1.32	6.65	6.66	---	---	8
9	---	---	0.4388	2.128	11.5	36.8	2.38	1.16	5.83	5.33	---	---	9
10	---	---	0.4418	2.178	13.1	21.9	2.16	1.17	10.3	5.00	---	---	10
11	---	---	0.4128	2.158	10.8	15.6	1.98	1.22	13.5	4.65	---	---	11
12	---	---	0.4108	2.178	12.9	15.9	1.92	1.08	24.2	4.36	---	---	12
13	---	---	0.3988	2.388	15.4	16.2	2.22	1.17	20.3	4.10	---	---	13
14	---	---	0.3828	2.48	14.4	13.3	2.11	1.32	14.0	3.89	---	---	14
15	---	---	0.3818	3.20	13.7	10.4	1.78	1.49	8.77	4.16	---	---	15
16	---	---	0.4088	5.25	24.9	9.82	1.54	1.58	7.40	4.18	---	---	16
17	---	---	0.4488	5.34	62.4	9.56	1.42	1.42	6.35	4.01	---	---	17
18	---	---	0.4968	4.78	39.9	7.92	1.31	1.29	6.04	4.06	---	---	18
19	---	---	0.5118	4.99	27.2	7.10	1.24	1.24	5.42	4.80	---	---	19
20	---	---	0.5168	4.71	22.3	6.53	1.14	1.16	5.14	4.51	---	---	20
21	---	---	0.7298	4.83	17.3	6.16	1.13	1.10	17.1	3.858	---	---	21
22	---	---	0.8378	4.98	13.2	6.23	1.48	1.04	18.4	3.658	---	---	22
23	---	---	0.9248	4.41	11.6	5.85	1.64	1.02	11.8	3.688	---	---	23
24	---	---	0.9478	3.81	10.7	5.14	1.36	0.893	8.38	4.55	---	---	24
25	---	---	0.9848	3.32	9.66	4.56	1.18	0.881	8.09	5.42	---	---	25
26	---	---	0.9468	3.00	8.83	4.02	1.03	0.883	6.86	3.858	---	---	26
27	---	---	0.9238	3.05	8.20	3.87	0.992	0.880	6.04	3.038	---	---	27
28	---	0.2888	0.9148	3.36	8.06	3.58	0.988	0.889	5.72	3.388	---	---	28
29	---	0.2868	0.9268	3.12	8.48	3.85	0.982	0.873	5.88	1.918	---	---	29
30	---		0.9338	3.92	10.4	4.64	0.942	0.882	6.36	1.488	---	---	30
31	---		0.9438		11.5		0.943	0.889		1.958		---	31
TOTAL	---	---	18.028	93.31	448.86	355.17	57.897	37.380	244.58	154.98	---	---	TOTA
MEAN	---	---	0.582	3.11	14.5	11.8	1.87	1.20	8.15	5.00	---	---	MEAN
MAX	---	---	0.984	5.34	62.4	44.3	4.23	1.78	24.2	10.7	---	---	MAX
MIN	---	---	0.283	1.01	6.36	3.86	0.842	0.873	1.03	1.46	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.08
MAXIMUM DAILY, 62.4 ON MAY 17
MINIMUM DAILY, 0.842 ON JUL 30
MAXIMUM INSTANTANEOUS,
71.2 AT 06:30 MST ON MAY 17

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 20 N
LONG 118 55 00 W
DRAINAGE AREA, 916 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 010
FEB	---	AUG	3 230
MAR	1 580	SEP	21 100
APR	6 080	OCT	13 400
MAY	38 900	NOV	---
JUN	30 700	DEC	---

TOTAL DISCHARGE, 112 000 dam³

DAPP CREEK AT HIGHWAY NO. 44 - STATION NO. 07BC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.040B	0.485B	0.005E	0.008	0.008E	0.047	0.003E	0.016E	0.038B	---	1
2	---	---	0.040B	0.529B	0.005E	0.007	0.008E	0.030	0.001E	0.014E	0.036B	---	2
3	---	---	0.040B	0.580B	0.004E	0.010E	0.008	0.024	0.001E	0.012E	0.037B	---	3
4	---	---	0.041B	0.585B	0.004E	0.012E	0.010E	0.021	0.001	0.011E	0.036B	---	4
5	---	---	0.042B	0.700B	0.004E	0.016E	0.012	0.021	0.001E	0.010E	0.036B	---	5
6	---	---	0.042B	0.800B	0.004E	0.014E	0.058	0.022	0.003E	0.008E	0.035B	---	6
7	---	---	0.043B	1.00 B	0.003E	0.022E	0.314	0.023	0.006E	0.007E	0.035B	---	7
8	---	---	0.043B	0.735	0.002E	0.028E	0.207	0.023	0.018E	0.006E	0.035B	---	8
9	---	---	0.043B	0.418	0.003E	0.030E	0.175	0.023	0.025E	0.005	---	---	9
10	---	---	0.043B	0.256	0.003E	0.031E	0.087	0.024	0.035E	0.005E	---	---	10
11	---	---	0.043B	0.078	0.004E	0.025	0.081	0.024E	0.050E	0.007E	---	---	11
12	---	---	0.043B	0.073	0.005E	0.023E	0.069	0.024E	0.074E	0.008E	---	---	12
13	---	---	0.043B	0.032	0.006E	0.020E	0.081	0.025E	0.060E	0.010E	---	---	13
14	---	---	0.043B	0.031	0.007E	0.015E	0.048	0.026E	0.070E	0.014E	---	---	14
15	---	---	0.043B	0.018	0.008E	0.018E	0.030	0.027E	0.050E	0.018E	---	---	15
16	---	---	0.044B	0.005	0.010E	0.017E	0.024	0.029E	0.035E	0.023E	---	---	16
17	---	---	0.045B	0.004	0.011E	0.018E	0.018	0.031E	0.030E	0.027E	---	---	17
18	---	---	0.050B	0.003	0.010E	0.014E	0.015	0.033E	0.027E	0.033E	---	---	18
19	---	---	0.070B	0.003	0.014E	0.013E	0.007	0.035E	0.024E	0.038E	---	---	19
20	---	---	0.100B	0.015	0.018E	0.012E	0.007E	0.025E	0.022E	0.042E	---	---	20
21	---	---	0.200B	0.020	0.020E	0.011E	0.008E	0.021E	0.021E	0.048E	---	---	21
22	---	---	0.300B	0.017	0.023E	0.010E	0.012E	0.018E	0.020E	0.046E	---	---	22
23	---	---	0.500B	0.018	0.027E	0.010E	0.018	0.018E	0.018E	0.048E	---	---	23
24	---	---	0.800B	0.018	0.031E	0.008E	0.183	0.014E	0.017E	0.049E	---	---	24
25	---	---	1.14 B	0.015	0.022	0.008E	0.180	0.013E	0.018E	0.050E	---	---	25
26	---	---	1.00 B	0.014	0.020	0.008E	0.200	0.010E	0.022E	0.048E	---	---	26
27	---	---	0.400B	0.014	0.018	0.008E	0.194	0.008E	0.024E	0.048B	---	---	27
28	---	---	0.370B	0.013	0.011	0.008E	0.197	0.007E	0.025E	0.044B	---	---	28
29	---	---	0.400B	0.005	0.010	0.008E	0.184	0.005E	0.023E	0.042B	---	---	29
30	---		0.423B	0.005	0.008	0.008E	0.128	0.004E	0.020E	0.041B	---	---	30
31	---		0.480B		0.009		0.109	0.003E		0.040B	---	---	31
TOTAL	---	---	7.034	8.554	0.327	0.443	2.715	0.855	0.781	0.816	---	---	TOTAL
MEAN	---	---	0.227	0.218	0.011	0.015	0.088	0.021	0.025	0.026	---	---	MEAN
MAX	---	---	1.14	1.00	0.031	0.031	0.314	0.047	0.080	0.050	---	---	MAX
MIN	---	---	0.040	0.003	0.002	0.007	0.007	0.003	0.001	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.079
MAXIMUM DAILY, 1.14B ON MAR 25
MINIMUM DAILY, 0.001E ON SEP 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 18 30 N
LONG 113 50 55 W
DRAINAGE AREA, 563 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	235
FEB	---	AUG	95.6
MAR	608	SEP	65.8
APR	566	OCT	70.7
MAY	28.3	NOV	---
JUN	38.3	DEC	---

TOTAL DISCHARGE, 1 870 dam³

DEADFISH INFLOW CANAL NEAR CESSFORD - STATION NO 05CN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.718	0.852	0	---	---	1
2	---	---	0	0	0	0	0	0.783	0.850	0	---	---	2
3	---	---	0	0	0	0	0	0.706	0.839	0	---	---	3
4	---	---	0	0	0	0	0	0.784	0.851	0	---	---	4
5	---	---	0	0	0	0	0	0.762	0.864	0	---	---	5
6	---	---	0	0	0	0	0	0.698	0.887	0	---	---	6
7	---	---	0	0	0	0	0	0.485	0.823	0	---	---	7
8	---	---	0	0	0	0	0	0.502	0.742	0	---	---	8
9	---	---	0	0	0	0	0	0.593	0.778	0	---	---	9
10	---	---	0	0	0	0	0	0.639	0.770	0	---	---	10
11	---	---	0	0	0	0	0.153	0.734	0.678	0	---	---	11
12	---	---	0	0	0	0	0.372	0.725	0.347	0	---	---	12
13	---	---	0	0	0	0	0.438	0.678	0.337	0	---	---	13
14	---	---	0	0	0	0	0.938	0.668	0.318	0	---	---	14
15	---	---	0	0	0	0	0.860	0.629	0.301	0	---	---	15
16	---	---	0	0	0	0	0.428	0.660	0.288	0	---	---	16
17	---	---	0	0	0	0	0.382	0.783	0.088	0	---	---	17
18	---	---	0	0	0	0	0.382	0.788	0	0	---	---	18
19	---	---	0	0	0	0	0.501	0.782	0	0	---	---	19
20	---	---	0	0	0	0	0.820	0.753	0	0	---	---	20
21	---	---	0	0	0	0	0.678	0.828	0	0	---	---	21
22	---	---	0	0	0	0	0.588	0.837	0	0	---	---	22
23	---	0A	0	0	0	0	0.727	0.801	0	0	---	---	23
24	---	0	0	0	0	0	0.782	0.708	0	0	---	---	24
25	---	0	0	0	0	0	0.848	0.436	0	0	---	---	25
26	---	0	0	0	0	0	0.822	0.383	0	0	---	---	26
27	---	0	0	0	0	0	0.718	0.377	0	0	---	---	27
28	---	0	0	0	0	0	0.667	0.418	0	0	---	---	28
29	---	0	0	0	0	0	0.662	0.735	0	0A	---	---	29
30	---		0	0	0	0	0.777	0.754	0	0E	---	---	30
31	---		0		0		0.718	0.759		0E		---	31
TOTAL	---	---	0	0	0	0	13.391	20.837	10.593	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0.428	0.675	0.353	0	---	---	MEAN
MAX	---	---	0	0	0	0	0.860	0.837	0.887	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0.377	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.183
MAXIMUM DAILY, 0.860 ON JUL 15
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 53 N
LONG 111 48 32 W

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 150
FEB	---	AUG	1 610
MAR	0	SEP	915
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 680 dam³

DEER CREEK (MAIN STEM) NEAR SUNDRE - STATION NO. 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001E	0.002E	0.002A	0.007	0.018	0.005	0.001	0.008	---	---	1
2	---	---	0.001E	0.002E	0.002E	0.006	0.016	0.004	0.001	0.007	---	---	2
3	---	---	0.001E	0.002E	0.002E	0.005	0.015	0.005	0.001	0.007	---	---	3
4	---	---	0.001E	0.003E	0.002E	0.005	0.015	0.008	0.001	0.006	---	---	4
5	---	---	0.001E	0.005E	0.002E	0.018	0.014	0.005	0.001	0.005	---	---	5
6	0.001A	---	0.001E	0.003E	0.002E	0.053	0.015	0.005	0.008	0.004	---	---	6
7	---	---	0.001E	0.002E	0.004E	0.048	0.013	0.004	0.008	0.004	---	---	7
8	---	0.001A	0.001E	0.002E	0.007	0.114	0.012	0.004	0.004	0.004	---	---	8
9	---	---	0.001E	0.002E	0.005	0.140	0.012	0.004	0.004	0.003	---	---	9
10	---	---	0.001E	0.002E	0.004	0.079	0.011	0.004	0.004	0.003	---	0.001A	10
11	---	---	0.001E	0.002E	0.004	0.057	0.010	0.004	0.008	0.003	---	---	11
12	---	---	0.001E	0.002E	0.004	0.048	0.010	0.004	0.015	0.005	---	---	12
13	---	---	0.001E	0.002E	0.005	0.046	0.010	0.004	0.005	0.004	---	---	13
14	---	---	0.001E	0.007E	0.005	0.045	0.009	0.004	0.005	0.003	---	---	14
15	---	---	0.001E	0.013	0.005	0.044	0.008	0.003E	0.005	0.003	---	---	15
16	---	---	0.001E	0.013	0.024	0.045	0.007	0.003E	0.004	0.003	---	---	16
17	---	---	0.001E	0.009	0.012	0.043	0.007	0.003E	0.003	0.003	---	---	17
18	---	---	0.001E	0.007	0.008	0.041	0.006	0.003E	0.003	0.003	---	---	18
19	---	---	0.001E	0.009	0.007	0.039	0.005	0.003E	0.003	0.003	---	---	19
20	---	---	0.001E	0.010	0.006	0.036	0.007	0.003E	0.004	0.003	0.002A	---	20
21	---	---	0.001E	0.007	0.005	0.033	0.011	0.002E	0.008	0.004	---	---	21
22	---	---	0.002E	0.006	0.005	0.032	0.009	0.002E	0.008	0.004	---	---	22
23	---	---	0.003E	0.005	0.005	0.031	0.007	0.002E	0.005	0.004	---	---	23
24	0.001A	---	0.005E	0.004E	0.005	0.028	0.006	0.002E	0.004	0.004	---	---	24
25	---	---	0.003E	0.003E	0.007	0.023	0.005	0.002E	0.004	0.004	---	---	25
26	---	---	0.002E	0.002E	0.009	0.021	0.005	0.002E	0.004	0.004	---	---	26
27	---	---	0.002A	0.002E	0.011	0.020	0.005	0.001E	0.004	0.004E	---	---	27
28	---	0.001A	0.002E	0.002E	0.007	0.019	0.005	0.001E	0.004	0.003E	---	---	28
29	---	---	0.002E	0.002E	0.007	0.022	0.007	0.001A	0.004	0.003E	---	---	29
30	---		0.002E	0.002E	0.007	0.018	0.006	0.001	0.004	0.002A	---	---	30
31	---		0.002E		0.010		0.005	0.001		0.002E		---	31
TOTAL	---	---	0.048	0.134	0.191	1.176	0.282	0.099	0.133	0.120	---	---	TOTAL
MEAN	---	---	0.001	0.004	0.006	0.039	0.009	0.003	0.004	0.004	---	---	MEAN
MAX	---	---	0.005	0.013	0.024	0.140	0.018	0.008	0.015	0.007	---	---	MAX
MIN	---	---	0.001	0.002	0.002	0.005	0.005	0.001	0.001	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
0.171 AT 02 13 MST ON JUN 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 25 N
LONG 115 08 00 W
DRAINAGE AREA, 5.44 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25.2
FEB	---	AUG	8.55
MAR	3.97	SEP	11.5
APR	11.6	OCT	10.4
MAY	18.5	NOV	---
JUN	102	DEC	---

DEERLICK CREEK NEAR HINTON - STATION NO. 07AF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.048B	0.033	0.147	0.125	0.027	0.021	0.208	---	---	1
2	---	0.011B	---	0.050B	0.053	0.131	0.114	0.028	0.018	0.305	---	---	2
3	---	---	---	0.054B	0.103	0.127	0.103	0.031	0.018	0.487	---	---	3
4	---	---	---	0.049B	0.129	0.132	0.097	0.036	0.018	0.685	---	---	4
5	---	---	---	0.070B	0.152	0.182	0.091	0.027	0.018	0.814	---	---	5
6	---	---	---	0.042B	0.198	0.326	0.084	0.047	0.255	0.503	---	---	6
7	---	---	---	0.041B	0.222	0.435	0.080	0.036	0.317	0.479	---	---	7
8	---	---	---	0.040B	0.249	1.10	0.080	0.030	0.182	0.427	---	---	8
9	---	---	---	0.039B	0.243	0.810	0.078	0.028	0.218	0.331	---	---	9
10	---	---	---	0.040B	0.189	0.629	0.072	0.027	0.262	0.277	---	---	10
11	---	---	---	0.041B	0.161	0.545	0.066	0.029	0.234	0.245	---	---	11
12	---	---	---	0.041B	0.160	0.485	0.072	0.027	0.206	0.229	---	---	12
13	---	---	---	0.054B	0.169	0.416	0.091	0.025	0.195	0.205	---	---	13
14	---	---	---	0.116B	0.181	0.356	0.071	0.031	0.164	0.181	---	---	14
15	---	---	0.026B	0.269B	0.214	0.306	0.059	0.027	0.136	0.165	---	---	15
16	---	---	---	0.387B	0.512	0.351	0.051	0.023	0.118	0.152	---	---	16
17	---	---	---	0.186B	0.449	0.327	0.047	0.023	0.107	0.149B	---	---	17
18	---	---	---	0.187B	0.330	0.309	0.044	0.022	0.136	0.140B	---	---	18
19	---	---	---	0.151B	0.278	0.293	0.043	0.021	0.127	0.155B	---	---	19
20	---	---	---	0.153B	0.265	0.268	0.048	0.020	0.135	0.133B	---	---	20
21	---	0.015B	---	0.155B	0.221	0.247	0.048	0.019	0.177	0.108B	---	---	21
22	---	---	---	0.089B	0.195	0.315	0.050	0.018	0.165	0.114B	---	---	22
23	---	---	---	0.059B	0.186	0.267	0.043	0.018	0.152	0.106B	---	---	23
24	---	---	---	0.036B	0.170	0.237	0.037	0.020	0.145	0.081B	---	---	24
25	---	---	---	0.033B	0.167	0.205	0.033	0.019	0.139	0.072B	---	---	25
26	---	---	---	0.031B	0.138	0.188	0.031	0.017	0.138	0.062B	---	---	26
27	---	---	---	0.025B	0.140	0.171	0.030	0.021	0.170	0.057B	---	---	27
28	---	---	0.028B	0.022B	0.133	0.155	0.029	0.027	0.181	0.054B	---	---	28
29	---	---	0.028B	0.021	0.132	0.155	0.027	0.020	0.117	0.056B	---	---	29
30	---		0.022B	0.025	0.134	0.144	0.027	0.019	0.152	0.088B	---	---	30
31	---		0.042B		0.148		0.025	0.018		0.073B		---	31
TOTAL	---	---	---	2.539	6.024	9.895	1.894	0.782	4.388	6.943	---	---	TOTAL
MEAN	---	---	---	0.084	0.194	0.330	0.061	0.025	0.146	0.224	---	---	MEAN
MAX	---	---	---	0.387	0.512	1.10	0.125	0.047	0.317	0.685	---	---	MAX
MIN	---	---	---	0.021	0.033	0.127	0.025	0.017	0.018	0.057	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.183
MAXIMUM DAILY, 1.10 ON JUN 8
MINIMUM DAILY, 0.017 ON AUG 25
MAXIMUM INSTANTANEOUS,
1.33 AT 18 40 MST ON JUN 8

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 30 N
LONG 117 14 35 W
DRAINAGE AREA, 14.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	184
FEB	---	AUG	87.8
MAR	---	SEP	378
APR	219	OCT	600
MAY	520	NOV	---
JUN	885	DEC	---

TOTAL DISCHARGE, 2 800 dam³

DICKSON DAM TUNNEL OUTLET - STATION NO. 05CB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7	16.3	17.2	15.8	21.6	28.4	12.7	36.0	22.3	24.8	18.7	17.4	1
2	16.4	16.1	17.3	15.8	27.0	21.4	12.8	32.8	18.8	24.5	17.3	17.3	2
3	16.5	16.2	17.2	15.8	27.1	18.	13.0	28.6	17.3	20.9	16.5	17.3	3
4	16.3	16.2	17.2	16.6	27.7	17.0	13.1	31.0	18.1	19.3	16.3	17.4	4
5	16.9	16.3	17.4	17.0	27.5	18.0	13.2	39.7	17.0	19.4	16.1	17.3	5
6	17.2	16.0	16.6	17.1	27.4	17.9	13.0	39.3	21.1	19.3	15.8	17.4	6
7	17.2	16.0	15.9	16.9	27.2	17.7	13.0	38.8	22.0	20.7	17.2	17.4	7
8	17.1	16.5	16.0	16.9	27.2	17.6	13.1	38.8	22.0	24.9	17.3	17.3	8
9	17.0	17.2	16.0	17.1	27.1	17.5	13.1	32.4	22.1	25.9	16.9	17.2	9
10	16.9	17.1	16.0	17.0	27.0	17.4	13.1	24.8	22.2	25.9	16.7	17.1	10
11	16.7	17.1	15.8	16.9	27.0	16.6	13.0	25.2	22.2	25.9	16.3	17.3	11
12	17.2	17.0	15.6	17.0	26.9	17.1	30.0E	25.8	22.0	25.8	16.1	16.7	12
13	17.4	17.0	15.5	17.2	27.2	17.3	17.2	30.7	21.9	25.7	15.8	15.8	13
14	17.1	16.9	15.7	17.3	27.4	16.9	15.9	30.7	22.0	25.8	17.5	15.8	14
15	17.2	16.9	15.5	17.5	27.1	16.4	15.9	30.7	22.1	23.0	17.2	15.6	15
16	17.0	16.6A	16.1	17.4	33.5	16.5	17.8	30.7	22.1	19.1	17.1	15.5	16
17	16.7	16.6E	16.5	17.4	50.1	16.7	17.7	30.6	23.0	18.1	17.0	15.5	17
18	16.7	16.6E	16.4	17.1	59.3	16.7	17.8	30.4	24.5	18.1	16.8	15.8	18
19	16.5	16.5E	16.4	17.1	62.3	16.7	16.7	30.2	24.4	18.4	16.2	15.7	19
20	16.4	16.5E	16.4	17.2	63.2	16.6	16.9	29.9	24.2	18.4	15.9	15.7	20
21	16.5	16.5E	16.4	17.4	61.4	16.7	16.9	28.6	24.2	18.0	16.6	15.7	21
22	16.5	16.3E	16.2	17.4	61.0	14.3	16.8	18.6	38.6	18.5	16.9	15.7	22
23	16.3	16.3E	16.1	17.3	47.9	14.3	23.9	17.6	34.6	18.7	16.6	15.7	23
24	16.2	16.0E	16.0	17.2	44.9	14.3	27.6	17.3	25.0	17.1	16.2	15.8	24
25	16.1	16.0E	15.9	17.0	44.4	13.6	27.7	16.8	24.9	18.1	15.7	15.9	25
26	16.0	15.9E	16.0	17.1	44.3	12.9	26.2	18.3	24.9	17.6	16.1	15.7	26
27	16.3	15.2A	16.0	17.3	43.5	12.6	25.7	21.0	36.1	17.5	16.9	15.7	27
28	16.6	15.4	15.9	16.6	43.7	12.6	25.6	23.4	35.2	17.3	17.2	15.5	28
29	16.4	17.2	15.9	16.7	45.0	12.6	29.7	30.9	36.3	17.2	17.7	15.5	29
30	16.4		15.9	16.7	45.5	12.5	35.8	31.2	25.3	17.2	17.6	15.8	30
31	16.4		15.7		57.1		35.9	26.1		17.8		15.7	31
TOTAL	516.8	477.4	502.8	509.1	1 159.5	493.7	600.6	889.1	701.0	636.2	502.2	504.7	TOTAL
MEAN	16.7	16.5	16.2	17.0	37.4	16.5	19.4	28.7	23.4	20.5	16.7	16.3	MEAN
MAX	17.4	17.2	17.4	17.5	62.3	28.4	35.9	39.7	36.3	25.9	18.7	17.4	MAX
MIN	16.0	15.2	15.5	15.8	21.6	12.5	12.7	16.8	16.1	16.5	15.7	15.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 62.3 ON MAY 19
MINIMUM DAILY, 12.5 ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 30 N
LONG 114 13 02 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 700	JUL	51 900
FEB	41 200	AUG	76 800
MAR	43 400	SEP	60 600
APR	44 000	OCT	55 000
MAY	100 000	NOV	43 400
JUN	42 700	DEC	43 600

TOTAL DISCHARGE, 547 000 dam³

DICKSON RESERVOIR NEAR DICKSON - STATION NO. 05CB008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	943.948	942.341	940.705	939.402	939.173	933.852	945.648	947.891	947.870	948.027	947.809	947.000	1
2	943.889	942.294	940.638	939.288	939.087	933.908	945.686	947.966	947.841	948.009	947.760	946.939	2
3	943.829	942.248	940.570	939.387	938.957	934.083	946.082	947.974	947.876	947.997	947.720	946.871	3
4	943.778	942.200	940.500	939.385	938.837	934.213	946.248	948.006	947.993	948.004	947.685	946.811	4
5	943.725	942.154	940.432	939.391	938.709	934.343	946.399	948.016	948.003	948.022	947.671	946.741	5
6	943.670	942.107	940.368	939.383	938.590	934.492	946.549	947.982	948.025	948.057	947.674	946.679	6
7	943.620	942.062	940.308	939.374	938.481	934.802	946.712	947.957	948.073	948.084	947.675	946.615	7
8	943.578	942.012	940.258	939.365	938.332	935.245	946.844	947.984	948.061	948.088	947.662	946.566	8
9	943.529	941.955	940.180A	939.349	938.213	936.085	946.857	947.980	948.080	948.080	947.646	946.520	9
10	943.485	941.899	940.120E	939.336	938.112	937.304	947.049	947.972	948.089	948.071	947.637	946.477	10
11	943.445	941.844	940.060E	939.314	938.006	938.236	947.134	948.005	948.095	948.053	947.623	946.421	11
12	943.400	941.785	940.000A	939.286	937.895	938.843	947.152	948.035	948.092	948.046	947.599	946.369	12
13	943.351	941.732	939.940A	939.259	937.769	939.568	947.230	948.043	948.088	948.030	947.573	946.310	13
14	943.301	941.677	939.880A	939.232	937.651A	940.186	947.321	948.048	948.089	948.010	947.541	946.251	14
15	943.252	941.622	939.810A	939.219	937.533A	940.780	947.386	948.051	948.094	947.989	947.507	946.194	15
16	943.199	941.567	939.750A	939.215	937.450A	941.328	947.484	948.048	948.095	947.987	947.466	946.132	16
17	943.136	941.510	939.680E	939.220	937.280A	941.818	947.531	948.036	948.094	947.987	947.430	946.068	17
18	943.070	941.445	939.610E	939.247	937.001A	942.205	947.804	948.027	948.073	948.004	947.398	946.008	18
19	943.007	941.383	939.540A	939.284	936.825A	942.497	947.883	948.014	948.074	947.990	947.370	945.949	19
20	942.949	941.322	939.480A	939.309	936.270A	942.734	947.779	947.983	948.082	947.988	947.352	945.891	20
21	942.894	941.260	939.420	939.329	935.949A	942.948	947.883	947.953	948.126	947.977	947.336	945.834	21
22	942.837	941.203	939.378	939.353	935.624A	943.168	947.952	947.941	948.184	947.981	947.318	945.781	22
23	942.778	941.144	939.359	939.376	935.288A	943.368	947.977	947.976	948.108	947.987	947.292	945.727	23
24	942.723	941.086	939.380	939.383	934.972A	943.591	947.972	947.995	948.104	947.994	947.268	945.678	24
25	942.673	941.030	939.413	939.369	934.671A	943.833	947.968	948.018A	948.112	948.004	947.256	945.626	25
26	942.624	940.969	939.423	939.353	934.354A	944.080	947.963	948.039A	948.109	948.015	947.236	945.582	26
27	942.577	940.905	939.428	939.330	934.050A	944.316	947.973	948.038A	948.100	948.017	947.193	945.533	27
28	942.527	940.840	939.420	939.300	933.767A	944.564	947.999	948.062A	948.080	948.006	947.147	945.483	28
29	942.481	940.773	939.416	939.269	933.439A	944.835	948.043	948.062	948.050	947.977	947.081	945.428	29
30	942.433		939.416	939.229	933.139	945.228	948.038	948.025	948.020	947.923	947.046	945.378	30
31	942.385		939.412		933.113		948.014	947.983		947.872		945.328	31
MEAN	943.184	941.589	939.848	939.322	936.719	939.676	947.305	948.008	948.071	948.010	947.486	946.135	MEAN
MAX	943.948	942.341	940.705	939.402	939.173	945.228	948.043	948.062	948.184	948.084	947.809	947.000	MAX
MIN	942.385	940.773	939.359	939.215	933.113	933.852	945.648	947.941	947.870	947.872	947.046	945.328	MIN

WATER LEVELS IN METRES

MEAN, 943.807
MAXIMUM DAILY, 948.184 ON SEP 22
MINIMUM DAILY, 933.113 ON MAY 31
MAXIMUM INSTANTANEOUS,
948.177 AT 08 09 MST ON SEP 22

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 28 N
LONG 114 13 53 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1983

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DOC RIVER NEAR FITZGERALD - STATION NO. 07NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5128	0.4618	0.5978	0.8408	5.53	3.25	5.66	5.51	3.69	3.15	7.988	6.048	1
2	0.5148	0.4628	0.5888	0.8538	5.53	4.03	5.80	5.24	3.89	3.17	7.948	6.008	2
3	0.5118	0.4838	0.6048	0.8618	5.04	4.47	6.11	5.24	3.61	2.20	7.908	5.988	3
4	0.5108	0.4858	0.6108	0.8808	5.08	5.24	6.20	5.06	3.29	2.19	7.868	5.928	4
5	0.5088	0.4878	0.6188	0.8978	4.82	5.16	5.26	5.80	3.22	2.14	7.828	5.888	5
6	0.5078	0.4908	0.6238	0.9128	4.67	7.16	5.23	5.67	3.34	2.13	7.808	5.828	6
7	0.5068	0.4928	0.6308	0.9388	4.27	7.63	5.28	5.80	3.34	2.18	7.788	5.898	7
8	0.5048	0.4948	0.6378	0.9588	4.13	8.04	6.62	5.56	3.29	2.14	7.758	6.028	8
9	0.5028	0.4978	0.6418	1.00 E	4.02	8.25	7.16	5.45	3.17	2.13	7.708	6.208	9
10	0.5018	0.5008	0.6508	1.05 E	3.93	8.37	7.36	5.35	3.07	2.13	7.648	6.508	10
11	0.5008	0.5038	0.6598	1.11 E	3.88	8.37	7.61	5.11	2.98	2.16	7.608	6.648	11
12	0.4988	0.5078	0.6688	1.16 E	3.85	8.26	7.75	4.88	2.81	2.18	7.588	7.408	12
13	0.4978	0.5118	0.6728	1.29 E	3.83	7.89	7.77	4.60	2.65	2.82	7.528	7.668	13
14	0.4968	0.5148	0.6798	1.57 E	3.74	7.66	7.77	4.75	2.78	3.00	7.408	7.808	14
15	0.4948	0.5188	0.6888	2.13 E	3.76	7.35	7.76	4.70	2.74	3.51	7.328	8.008	15
16	0.4918	0.5218	0.6988	2.67 E	3.80	6.88	7.65	4.55	2.68	3.67	7.208	7.808	16
17	0.4898	0.5238	0.7018	4.34 E	3.82	6.86	7.52	4.41	2.64	4.47	7.108	7.808	17
18	0.4868	0.5278	0.7088	5.56 E	4.00	6.41	7.90	4.25	2.69	5.33	7.008	7.808	18
19	0.4878	0.5328	0.7168	5.72 E	3.96	6.16	7.61	4.15	2.69	5.93	6.868	7.408	19
20	0.4868	0.5388	0.7238	5.80 E	3.86	5.94	7.72	4.07	2.88	6.30	6.908	7.128	20
21	0.4848	0.5428	0.7348	5.06 E	3.78	5.89	7.86	3.98	2.84	6.86	6.888	6.908	21
22	0.4828	0.5508	0.7418	4.62 E	3.80	6.06	7.83	3.86	2.67	7.49	6.808	6.708	22
23	0.4818	0.5568	0.7518	4.69 E	3.71	6.06	7.83	3.69	2.52	7.91	6.708	6.428	23
24	0.4808	0.5628	0.7618	4.57 E	3.59	5.96	7.80	3.57	2.43	8.118	6.608	6.228	24
25	0.4808	0.5688	0.7718	4.70 E	3.50	5.96	7.55	3.46	2.37	8.108	6.508	6.068	25
26	0.4798	0.5748	0.7808	4.60 E	3.41	5.82	7.48	3.38	2.34	7.908	6.488	5.828	26
27	0.4788	0.5768	0.7908	4.67 E	3.31	5.78	7.30	3.30	2.30	8.058	6.408	5.648	27
28	0.4808	0.5638	0.7988	4.84	3.24	5.75	7.15	3.46	2.24	8.018	6.308	5.488	28
29	0.4808	0.5808	0.8048	5.27	3.17	5.84	6.97	3.74	2.18	8.028	6.208	5.308	29
30	0.4808		0.8208	5.45	3.08	5.78	6.83	3.81	2.17	8.008	6.108	5.108	30
31	0.4813		0.8238		3.06		6.70	3.78		7.988		4.868	31
TOTAL	15.254	15.189	21.886	69.578	123.12	193.39	222.65	144.81	85.03	147.29	215.87	200.85	TOTAL
MEAN	0.493	0.524	0.700	2.86	3.97	6.45	7.18	4.67	2.83	4.75	7.18	6.47	MEAN
MAX	0.518	0.590	0.829	5.80	5.53	8.37	7.92	5.51	3.89	8.11	7.96	8.00	MAX
MIN	0.478	0.481	0.597	0.840	3.06	3.25	5.66	3.30	2.17	2.13	6.10	4.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.03
MAXIMUM DAILY, 8.37 ON JUN 10
MINIMUM DAILY, 0.4788 ON JAN 26
MAXIMUM INSTANTANEOUS,
8.41 AT 21:40 MST ON JUN 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 52 35 N
LONG 111 31 15 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 320	JUL	19 200
FEB	1 310	AUG	12 500
MAR	1 870	SEP	7 350
APR	7 740	OCT	12 700
MAY	10 600	NOV	18 600
JUN	18 700	DEC	17 300

TOTAL DISCHARGE, 127 000 dam³

DRAIN S-10 NEAR BOW ISLAND - STATION NO. 05AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.004	0 280	0 593	0.678	0 104	0.126	---	---	1
2	---	---	---	---	0 004	0 187	0 670	0 703	0 084	0 113	---	---	2
3	---	---	---	---	0 005	0 182	0 573	0.476	0.077	0 120	---	---	3
4	---	---	---	---	0 005	0 280	0 732	0 304	0 081	0 154	---	---	4
5	---	---	---	---	0 006	0 315	0 763	0.325A	0 076	0 117	---	---	5
6	---	---	---	---	0 007	0 238	0 846	0 387	0 080	0.060	---	---	6
7	---	---	---	---	0 007	0 204	0 848	0 320	0 085	0.047	---	---	7
8	---	---	---	---	0 007	0 274	1 02	0.205A	0 035	0 040	---	---	8
9	---	---	---	---	0 007	0 198	0 806	0 200A	0 039	0 061	---	---	9
10	---	---	---	---	0 006	0 314	0 758	0.218A	0 039	0.076	---	---	10
11	---	---	---	---	0 007	0 288	0 676	0 344	0.084	0 018	---	---	11
12	---	---	---	---	0 007	0 211	0 752	0 344	0 058	0 013	---	---	12
13	---	---	---	---	0 007	0 185	0 858	0 474	0 121	0 010	---	---	13
14	---	---	---	---	0 006	0 285	0 678	0 211A	0 137	0 008	---	---	14
15	---	---	---	---	0 025	0 373	0 803	0 447	0 122	0 007	---	---	15
16	---	---	---	---	0 026	0 364	0 716	0 736	0 083	0 006	---	---	16
17	---	---	---	---	0 011	0 411	0 848	0 762	0 055	0 005	---	---	17
18	---	---	---	---	0 049	0 780	0 735	0 539	0 048	0 007	---	---	18
19	---	---	---	---	0 043	0 601	0 582	0 471	0 070	0 008	---	---	19
20	---	---	---	---	0 044	0 813	0 788	0.338	0 073	0 006	---	---	20
21	---	---	---	---	0 073	1 08	0 887	0 133	0 087	0.002	---	---	21
22	---	---	---	---	0 090	1 34	0 737	0 210	0 080	0 003	---	---	22
23	---	---	---	---	0 086	0 480	0 784	0 393	0 084	0.003E	---	---	23
24	---	---	---	---	0 243	0 383A	0 514	0 337	0 081	0 001E	---	---	24
25	---	---	---	0 004A	0 194	0 193E	0 823	0 138	0 041	0 B	---	---	25
26	---	---	---	0.004	0 108	0.203E	0.720	0 120	0 044	0 B	---	---	26
27	---	---	---	0 003	0 130	0 267A	0 788	0 120	0 108	0 B	---	---	27
28	---	---	---	0 003	0 148	0 370	0 841	0 084	0 116	0 B	---	---	28
29	---	---	---	0 003	0 185	0 440	0 801	0 033	0 130	0 B	---	---	29
30	---	---	---	0 003	0 254	0 502	0 885	0 087	0 143	0 B	---	---	30
31	---		---		0 316		0 878	0 084		0 B		---	31
TOTAL	---	---	---	---	3.138	12.273	23.868	10.077	3.316	1.002	---	---	TOTAL
MEAN	---	---	---	---	0 088	0 409	0 738	0 325	0 077	0.032	---	---	MEAN
MAX	---	---	---	---	0.316	1 34	1 02	0 762	0 143	0 154	---	---	MAX
MIN	---	---	---	---	0.004	0 182	0.514	0 033	0 035	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 1.34 ON JUN 22
MINIMUM DAILY, 0B ON OCT 26

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 40 N
LONG 111 24 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	871
MAR	---	SEP	300
APR	---	OCT	88.8
MAY	188	NOV	---
JUN	1 080	DEC	---

TOTAL DISCHARGE, 4 380 dam³

DRAIN S-6 NEAR GRASSY LAKE - STATION NO. 05AJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.332	0.617	0.444	0.326	0.206	---	---	1
2	---	---	---	---	0	0.324	0.563	0.513	0.203	0.183	---	---	2
3	---	---	---	---	0	0.246	0.326	0.427	0.304	0.173	---	---	3
4	---	---	---	---	0	0.353	0.411	0.264	0.303	0.110	---	---	4
5	---	---	---	---	0	0.377	0.348	0.231	0.351	0.278	---	---	5
6	---	---	---	---	0	0.285	0.434	0.311	0.284	0.415	---	---	6
7	---	---	---	---	0	0.116	0.375	0.323	0.311	0.387	---	---	7
8	---	---	---	---	0	0.183	0.318	0.102	0.317	0.351	---	---	8
9	---	---	---	---	0	0.118	0.322	0.331	0.294	0.323	---	---	9
10	---	---	---	---	0	0.079	0.368	0.488	0.304	0.338	---	---	10
11	---	---	---	---	0.128	0.291	0.381	0.522	0.268	0.150	---	---	11
12	---	---	---	---	0.480	0.357	0.286	0.563	0.224	0.061	---	---	12
13	---	---	---	---	0.490	0.287	0.330	0.576	0.242	0.021	---	---	13
14	---	---	---	---	0.481	0.189	0.223	0.455	0.235	0.008	---	---	14
15	---	---	---	---	0.378	0.303	0.235	0.471	0.208	0.005	---	---	15
16	---	---	---	---	0.348	0.571	0.325	0.432	0.179	0.003	---	---	16
17	---	---	---	---	0.233	0.567	0.152	0.390	0.158	0.004	---	---	17
18	---	---	---	---	0.180	0.625	0.601	0.425	0.188	0.003E	---	---	18
19	---	---	---	---	0.323	0.412	0.549	0.364	0.188	0.002E	---	---	19
20	---	---	---	---	0.202	0.511	0.466	0.340	0.183	0.002E	---	---	20
21	---	---	---	---	0.234	0.498	0.437	0.338	0.257	0.002E	---	---	21
22	---	---	---	---	0.303	0.550	0.391	0.322	0.324	0.002E	---	---	22
23	---	---	---	---	0.718	0.138	0.347	0.273	0.308	0.001B	---	---	23
24	---	---	---	---	0.438	0.178	0.383	0.228	0.301	0.001B	---	---	24
25	---	---	---	0A	0.482	0.267	0.348	0.245	0.307	0.001B	---	---	25
26	---	---	---	0	0.505	0.236	0.313	0.282	0.305	0.001B	---	---	26
27	---	---	---	0	0.447	0.333	0.271	0.310	0.287	0 B	---	---	27
28	---	---	---	0	0.440	0.360	0.285	0.288	0.240	0 B	---	---	28
29	---	---	---	0	0.295	0.655	0.325	0.347	0.218	0 B	---	---	29
30	---		---	0	0.192	0.471	0.402	0.278	0.188	0 B	---	---	30
31	---		---		0.452		0.364	0.343		0 B		---	31
TOTAL	---	---	---	---	7.588	10.127	11.058	11.175	7.883	3.043	---	---	TOTAL
MEAN	---	---	---	---	0.345	0.338	0.357	0.360	0.262	0.098	---	---	MEAN
MAX	---	---	---	---	0.718	0.655	0.648	0.576	0.351	0.415	---	---	MAX
MIN	---	---	---	---	0	0.079	0.152	0.102	0.183	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 0.718 ON MAY 23
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 17 N
LONG 111 39 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	955
FEB	---	AUG	856
MAR	---	SEP	679
APR	---	OCT	263
MAY	655	NOV	---
JUN	875	DEC	---

TOTAL DISCHARGE, 4 390 dam³

DRAIN T-11 NEAR FINCASTLE - STATION NO 05AG025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.002	0.271	0.383	0.318	0.218	0.071	---	---	1
2	---	---	---	---	0.001	0.305	0.391	0.232	0.187	0.098	---	---	2
3	---	---	---	---	0.001	0.250	0.375	0.430	0.174	0.086	---	---	3
4	---	---	---	---	0.080	0.218	0.282	0.372	0.272	0.085	---	---	4
5	---	---	---	---	0.057	0.251	0.171	0.335	0.191	0.185	---	---	5
6	---	---	---	---	0.064	0.230	0.129	0.422	0.128	0.231	---	---	6
7	---	---	---	---	0.083	0.180	0.127	0.283	0.182	0.214	---	---	7
8	---	---	---	---	0.073	0.234	0.133	0.267	0.188	0.217	---	---	8
9	---	---	---	---	0.118	0.270	0.219	0.259	0.240	0.204	---	---	9
10	---	---	---	---	0.147	0.276	0.207	0.202	0.126	0.225	---	---	10
11	---	---	---	---	0.159	0.312	0.195	0.223	0.078	0.203	---	---	11
12	---	---	---	---	0.127	0.268	0.150	0.214	0.018	0.208	---	---	12
13	---	---	---	---	0.141	0.257	0.144	0.250	0.014	0.243	---	---	13
14	---	---	---	---	0.120	0.207	0.108	0.164	0.022	0.248	---	---	14
15	---	---	---	---	0.168	0.128	0.085	0.198	0.065	0.248	---	---	15
16	---	---	---	---	0.058	0.116	0.138	0.258	0.057	0.278	---	---	16
17	---	---	---	---	0.161	0.295	0.159	0.223	0.052	0.268	---	---	17
18	---	---	---	---	0.159	0.357	0.319	0.237	0.033	0.1558	---	---	18
19	---	---	---	---	0.102	0.310	0.250	0.306	0.009	0.0388	---	---	19
20	---	---	---	---	0.113	0.457	0.244	0.271	0.010	0.0318	---	---	20
21	---	---	---	---	0.151	0.564	0.320	0.173	0.047	0.0288	---	---	21
22	---	---	---	---	0.152	0.711	0.336	0.119	0.098	0.0188	---	---	22
23	---	---	---	---	0.224	0.648	0.268	0.180	0.032	0.0108	---	---	23
24	---	---	---	---	0.250	0.651	0.325	0.144	0.056	0.0058	---	---	24
25	---	---	---	0.008A	0.201	0.487	0.184	0.175	0.062	0.0038	---	---	25
26	---	---	---	0.004	0.154	0.287	0.183	0.189	0.060	0.0018	---	---	26
27	---	---	---	0.003	0.182	0.216	0.233	0.182	0.021	0 B	---	---	27
28	---	---	---	0.004	0.238	0.132	0.228	0.193	0.062	0 B	---	---	28
29	---	---	---	0.004	0.241	0.287	0.340	0.232	0.063	0 B	---	---	29
30	---		---	0.004	0.150	0.405	0.284	0.183	0.059	0 B	---	---	30
31	---		---		0.128		0.440	0.159		0 B		---	31
TOTAL	---	---	---	---	4.037	8.592	7.188	7.423	2.825	3.898	---	---	TOTAL
MEAN	---	---	---	---	0.130	0.320	0.231	0.239	0.094	0.118	---	---	MEAN
MAX	---	---	---	---	0.250	0.711	0.440	0.430	0.272	0.278	---	---	MAX
MIN	---	---	---	---	0.001	0.116	0.085	0.119	0.009	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 0.711 ON JUN 22
MINIMUM DAILY, 0B ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 50 N
LONG 112 00 48 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	619
FEB	---	AUG	641
MAR	---	SEP	244
APR	---	OCT	311
MAY	369	NOV	---
JUN	828	DEC	---

TOTAL DISCHARGE, 2 990 dam³

DRAIN Y-2 NEAR TABER - STATION NO. 05AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.001	0.318	0.413	0.566	0.270	0.243	---	---	1
2	---	---	---	---	0.001	0.297	0.372	0.591	0.338	0.226	---	---	2
3	---	---	---	---	0.001	0.378	0.280	0.707	0.386	0.196	---	---	3
4	---	---	---	---	0.015	0.363	0.397	0.629	0.386	0.184	---	---	4
5	---	---	---	---	0.011	0.338	0.484	0.594	0.380	0.161	---	---	5
6	---	---	---	---	0.008	0.323	0.481	0.601	0.342	0.182	---	---	6
7	---	---	---	---	0.016	0.317	0.441	0.445	0.484	0.158	---	---	7
8	---	---	---	---	0.088	0.407	0.448	0.287	0.361	0.176	---	---	8
9	---	---	---	---	0.088	0.520	0.400	0.310	0.351	0.155	---	---	9
10	---	---	---	---	0.185	0.547	0.369	0.328	0.408	0.176	---	---	10
11	---	---	---	---	0.186	0.441	0.376	0.311	0.424	0.115	---	---	11
12	---	---	---	---	0.164	0.288	0.382	0.296	0.460	0.050	---	---	12
13	---	---	---	---	0.122	0.288	0.303	0.428	0.498	0.019	---	---	13
14	---	---	---	---	0.137	0.308	0.486	0.488	0.521	0.011	---	---	14
15	---	---	---	---	0.139	0.374	0.656	0.459	0.532	0.010	---	---	15
16	---	---	---	---	0.177	0.312	0.638	0.408	0.521	0.010	---	---	16
17	---	---	---	0.005A	0.173	0.352	0.536	0.313	0.505	0.009	---	---	17
18	---	---	---	0.014	0.168	0.352	0.458	0.422	0.507	0.009	---	---	18
19	---	---	---	0.029	0.168	0.270	0.398	0.450	0.505	0.0088	---	---	19
20	---	---	---	0.011	0.188	0.440	0.486	0.402	0.578	0.0088	---	---	20
21	---	---	---	0.005	0.218	0.542	0.490	0.348	0.522	0.0048	---	---	21
22	---	---	---	0.002	0.141	0.453	0.504	0.379	0.324	0.0038	---	---	22
23	---	---	---	0.002	0.143	0.250	0.477	0.382	0.291	0.0028	---	---	23
24	---	---	---	0.003	0.181	0.290	0.324	0.385	0.274	0.0028	---	---	24
25	---	---	---	0.013	0.330	0.240	0.384	0.368	0.258	0.0028	---	---	25
26	---	---	---	0.004	0.412	0.228	0.543	0.345	0.237	0.0028	---	---	26
27	---	---	---	0.002	0.413	0.181	0.383	0.359	0.233	0.0028	---	---	27
28	---	---	---	0.002	0.439	0.233	0.383	0.260	0.245	0.0028	---	---	28
29	---	---	---	0.001	0.325	0.348	0.502	0.224	0.259	0.0018	---	---	29
30	---		---	0.001	0.348	0.357	0.743	0.220	0.268	0.0018	---	---	30
31	---		---		0.383		0.725	0.245		0.0018		---	31
TOTAL	---	---	---	---	5.354	10.397	14.186	12.650	11.598	2.193	---	---	TOTAL
MEAN	---	---	---	---	0.173	0.347	0.458	0.408	0.387	0.071	---	---	MEAN
MAX	---	---	---	---	0.439	0.547	0.743	0.707	0.578	0.243	---	---	MAX
MIN	---	---	---	---	0.001	0.181	0.280	0.220	0.233	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.306
MAXIMUM DAILY, 0.743 ON JUL 30
MINIMUM DAILY, 0.001 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 30 N
LONG 112 10 45 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 230
FEB	---	AUG	1 050
MAR	---	SEP	1 000
APR	---	OCT	189
MAY	463	NOV	---
JUN	896	DEC	---

TOTAL DISCHARGE, 4 870 dam³

DRIEDMEAT CREEK NEAR THE MOUTH - STATION NO. 05FA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0208	0.2988	0.024	0.038	0.018	0.015	0.007	0.027	0.0408	---	1
2	---	---	0.0208	0.290	0.026	0.034	0.014	0.014	0.007	0.027	0.0418	---	2
3	---	---	0.0208	0.277	0.032	0.037	0.015	0.013	0.007	0.027	0.0428	---	3
4	---	---	0.0208	0.258	0.042	0.033	0.017	0.012	0.010	0.027	0.0438	---	4
5	---	---	0.0208	0.235	0.037	0.028	0.020	0.011	0.010	0.027	0.0448	---	5
6	---	---	0.0248	0.140	0.028	0.056	0.022	0.010	0.010	0.027	0.0458	---	6
7	---	---	0.0188	0.138	0.029	0.054	0.022	0.009	0.030	0.027	0.0458	---	7
8	---	---	0.0178	0.116	0.029	0.065	0.018	0.008	0.030	0.027	0.0458	---	8
9	---	---	0.0178	0.082	0.035	0.806	0.015	0.007	0.030	0.027	---	---	9
10	---	---	0.0188	0.068	0.038	0.121	0.011	0.006	0.033	0.027	---	---	10
11	---	---	0.0178	0.065	0.215	0.039	0.007	0.005	0.034	0.027	---	---	11
12	---	---	0.0178	0.078	0.065	0.006	0.005	0.004	0.035	0.028	---	---	12
13	---	---	0.0178	0.062	0.031	0.005	0.012	0.003	0.035	0.028	---	---	13
14	---	---	0.0178	0.038	0.030	0.025	0.016	0.002	0.043	0.028	---	---	14
15	---	---	0.0188	0.038	0.028	0.024	0.023	0.001	0.035	0.030	---	---	15
16	---	---	0.0188	0.038	0.048	0.013	0.027	0.001	0.021	0.031	---	---	16
17	---	---	0.0188	0.032	0.041	0.010	0.183	0.001	0.018	0.032	---	---	17
18	---	---	0.0178	0.048	0.035	0.005	0.054	0.001	0.023	0.033	---	---	18
19	---	---	0.0858	0.074	0.036	0.005	0.040	0.001	0.033	0.034	---	---	19
20	---	---	0.1748	0.081	0.036	0.036	0.048	0.003	0.033	0.0348	---	---	20
21	---	---	0.2508	0.055	0.022	0.055	0.050	0.005	0.024	0.0408	---	---	21
22	---	---	0.3228	0.057	0.021	0.238	0.044	0.005	0.024	0.0388	---	---	22
23	---	---	0.4008	0.053	0.022	0.036	0.037	0.005	0.024	0.0368	---	---	23
24	---	---	0.4758	0.050	0.024	0.038	0.030	0.005	0.025	0.0378	---	---	24
25	---	---	0.5538	0.048	0.026	0.043	0.029	0.005	0.026	0.0388	---	---	25
26	---	---	0.3908	0.040	0.023	0.055	0.028	0.005	0.027	0.0528	---	---	26
27	---	---	0.3188	0.034	0.028	0.044	0.024	0.005	0.027	0.0458	---	---	27
28	---	---	0.3078	0.031	0.028	0.032	0.020	0.005	0.027	0.0408	---	---	28
29	---	---	0.3068	0.032	0.027	0.028	0.018	0.005	0.027	0.0408	---	---	29
30	---		0.3038	0.027	0.025	0.022	0.017	0.005	0.027	0.0408	---	---	30
31	---		0.3018		0.033		0.018	0.007		0.0408		---	31
TOTAL	---	---	4.518	2.851	1.160	2.022	0.898	0.188	0.723	1.018	---	---	TOTAL
MEAN	---	---	0.146	0.095	0.037	0.067	0.029	0.006	0.024	0.033	---	---	MEAN
MAX	---	---	0.552	0.290	0.215	0.806	0.183	0.015	0.043	0.052	---	---	MAX
MIN	---	---	0.018	0.027	0.021	0.005	0.005	0.001	0.007	0.027	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.055
MAXIMUM DAILY, 0.806 ON JUN 9
MINIMUM DAILY, 0.001 ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 53 N
LONG 112 36 20 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	77.6
FEB	---	AUG	18.2
MAR	380	SEP	62.6
APR	248	OCT	88.0
MAY	100	NOV	---
JUN	178	DEC	---

TOTAL DISCHARGE, 1 180 dam³

DRIEDMEAT LAKE AT OUTFLOW - STATION NO. 07FA020

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	684.637	684.564	684.735	684.503	684.448	684.336	684.408	---	---	1
2	---	---	---	684.658	684.574	684.560	684.388	684.448	684.368	684.405	---	---	2
3	---	---	---	684.680	684.643	684.544	684.600	684.448	684.341	684.410	---	---	3
4	---	---	---	684.718	684.632	684.528	684.584	684.448	684.328	684.402	---	---	4
5	---	---	---	684.748	684.620	684.518	684.567	684.444	684.338	684.432	---	---	5
6	---	---	---	684.773	684.613	684.542	684.546	684.441	684.348	684.407	---	---	6
7	---	---	---	684.788	684.607	684.565	684.578	684.451	684.461	684.428	---	---	7
8	---	---	---	684.781	684.588	684.595	684.568	684.458	684.370	684.420	---	---	8
9	---	---	---	684.784	684.632	684.603	684.565	684.419	684.344	684.430	---	---	9
10	---	---	---	684.778	684.613	684.605	684.557	684.417	684.360	684.433	---	---	10
11	---	---	---	684.781	684.597	684.613	684.546	684.424	684.358	684.451	---	---	11
12	---	---	---	684.768	684.601	684.618	684.536	684.413	684.381E	684.464	---	---	12
13	---	---	---	684.758	684.576	684.613	684.544	684.416	684.381E	684.461	---	---	13
14	---	---	---	684.728	684.589	684.614	684.536	684.424	684.378E	684.503	---	---	14
15	---	---	---	684.698	684.623	684.628	684.542	684.415	684.377E	684.497	---	---	15
16	---	---	---	684.727	684.615	684.638	684.535	684.409	684.375E	684.501	---	---	16
17	---	---	---	684.747	684.681	684.653	684.522	684.404	684.373E	684.557	---	---	17
18	---	---	---	684.726	684.604	684.638	684.524	684.406	684.371E	684.561	---	---	18
19	---	---	---	684.718	684.592	684.628	684.511	684.402	684.368E	684.466	---	---	19
20	---	---	684.482	684.689	684.634	684.647	684.511	684.415	684.367	684.469	---	---	20
21	---	---	684.495	684.685	684.622	684.632	684.518	684.389	684.443	684.472	---	---	21
22	---	---	684.501	684.714	684.557	684.628	684.512	684.388	684.447	684.475	---	---	22
23	---	---	684.510	684.685	684.585	684.638	684.500	684.391	684.422	684.460	---	---	23
24	---	---	684.524	684.678	684.548	684.620	684.485	684.378	684.420	684.473	---	---	24
25	---	---	684.538	684.677	684.548	684.623	684.488	684.380	684.433	684.481	---	---	25
26	---	---	684.555	684.643	684.541	684.624	684.478	684.375	684.424	684.535	---	---	26
27	---	---	684.568	684.622	684.571	684.606	684.472	684.385	684.414	684.530E	---	---	27
28	---	---	684.584	684.625	684.560	684.618	684.478	684.395	684.413	684.525E	---	---	28
29	---	---	684.598	684.611	684.588	684.605	684.473	684.442	684.407	684.520E	---	---	29
30	---		684.610	684.600	684.581	684.595	684.487	684.352	684.387	684.515E	---	---	30
31	---		684.623		684.640		684.482	684.326		684.515			31
MEAN	---	---	---	684.708	684.595	684.608	684.530	684.411	684.384	684.476	---	---	MEAN
MAX	---	---	---	684.781	684.691	684.735	684.503	684.458	684.461	684.801	---	---	MAX
MIN	---	---	---	684.600	684.541	684.518	684.482	684.326	684.328	684.402	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 684.781 ON APR 6
MINIMUM DAILY, 684.326 ON AUG 31
MAXIMUM INSTANTANEOUS,
684.835 AT 14:20 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 20 N
LONG 112 42 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

DRAINAGE AREA,
7 240 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRIFTPILE RIVER NEAR DRIFTPILE - STATION NO. 07BH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2488	1.188	3.32	13.3	28.5	0.931	1.37	1.59	1.318	---	1
2	---	---	0.2668	1.238	3.25	24.7	16.2	0.858	1.30	1.70	---	---	2
3	---	---	0.2668	1.288	3.27	14.8	10.6	0.814	1.64	1.79	---	---	3
4	---	---	0.2598	1.298	2.48	10.4	7.83	0.815	2.10	1.81	---	---	4
5	---	---	0.2428	1.418	3.77	7.89	6.05	0.798	1.84	1.97	---	---	5
6	---	---	0.2398	1.858	2.86	11.3	5.80	1.07	1.83	1.94	---	---	6
7	---	---	0.2468	1.798	2.79	87.1	6.77	1.09	13.3	1.78	---	---	7
8	---	---	0.2018	1.418	2.46	87.8	16.8	1.86	29.0	1.84	---	---	8
9	---	---	0.1878	1.858	2.27	49.0	17.5	1.45	16.2	1.48	---	---	9
10	---	---	0.1498	1.798	2.42	28.8	11.9	1.18	10.7	1.44	---	---	10
11	---	---	0.1448	2.78	2.89	18.7	8.04	1.10	8.07	1.33	---	---	11
12	---	---	0.1438	2.42	2.78	14.3	6.00	1.00	6.92	1.25	---	---	12
13	---	---	0.1438	2.44	2.78	11.0	6.73	1.06	6.58	1.21	---	---	13
14	---	---	0.1438	2.82	2.73	8.98	6.28	5.32	5.40	1.22	---	---	14
15	---	---	0.1438	3.27	2.88	7.48	4.71	5.82	4.47	1.34	---	---	15
16	---	---	0.1418	5.94	4.18	6.20	3.72	4.66	3.76	1.64	---	---	16
17	---	---	0.1478	8.32	44.9	5.74	3.12	3.77	3.21	1.76	---	---	17
18	---	---	0.1698	6.43	40.5	5.51	2.84	2.72	2.90	2.988	---	---	18
19	---	---	0.1868	5.78	25.2	5.26	2.30	2.09	2.71	2.488	---	---	19
20	---	---	0.2448	4.91	21.5	4.73	2.08	2.07	2.38	1.978	---	---	20
21	---	---	0.3108	5.13	28.1	4.21	1.85	2.83	2.10	1.898	---	---	21
22	---	---	0.3678	5.90	61.4	3.73	2.08	3.68	2.01	2.088	---	---	22
23	---	---	0.4938	5.48	36.7	3.38	3.16	3.14	2.01	2.158	---	---	23
24	---	---	0.5728	4.74	26.5	3.18	2.81	2.88	1.81	2.058	---	---	24
25	---	---	0.6938	4.13	27.7	2.88	1.98	2.00	1.60	2.048	---	---	25
26	---	---	0.7178	3.88	21.8	2.67	1.83	1.81	1.77	1.988	---	---	26
27	---	0.2188	0.7608	3.14	17.0	3.32	1.40	1.36	1.62	2.248	---	---	27
28	---	0.2268	0.9278	3.77	13.1	3.08	1.25	1.25	1.51	1.888	---	---	28
29	---	0.2378	0.7638	2.86	10.3	3.15	1.16	1.33	1.51	1.528	---	---	29
30	---		0.8228	2.43	8.86	8.46	1.09	1.63	1.53	1.558	---	---	30
31	---		0.8488		7.68		1.01	1.81		1.358		---	31
TOTAL	---	---	11.295	100.43	419.24	459.05	192.81	83.218	143.87	55.90	---	---	TOTAL
MEAN	---	---	0.364	3.35	13.5	15.3	6.21	2.94	4.79	1.77	---	---	MEAN
MAX	---	---	0.848	8.32	44.9	87.8	28.5	5.82	29.0	2.98	---	---	MAX
MIN	---	---	0.141	1.18	2.25	2.08	1.01	0.798	1.30	1.21	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 5.80
MAXIMUM DAILY, 87.8 ON JUN 8
MINIMUM DAILY, 0.1418 ON MAR 18
MAXIMUM INSTANTANEOUS,
88.6 AT 22:30 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 20 45 N
LONG 115 47 35 W
DRAINAGE AREA, 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	16 800
FEB	---	AUG	8 480
MAR	976	SEP	12 400
APR	8 680	OCT	4 780
MAY	36 200	NOV	---
JUN	39 700	DEC	---

TOTAL DISCHARGE, 135 000 dam³

DRIFTWOOD RIVER NEAR THE MOUTH - STATION NO. 07EK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5708	0.4618	0.2908	0.6308	3.42	31.4	11.3	7.83	3.07	7.04	3.888	3.288	1
2	0.5698	0.4698	0.3288	0.6988	3.46	72.7	11.8	7.27	2.83	3.70	3.788	3.258	2
3	0.5248	0.5078	0.2988	0.6898	3.24	48.4	11.4	6.88	3.33	8.61	3.608	3.278	3
4	0.5338	0.4888	0.2698	1.80 B	3.02	38.4	11.4	6.26	3.80	8.88	3.628	3.228	4
5	0.6838	0.4178	0.2598	2.83 B	3.01	35.0	11.0	6.41	4.27	8.80	3.778	3.138	5
6	0.6728	0.4608	0.2328	3.17 B	3.01	36.7	12.4	6.16	4.26	8.81	3.858	2.888	6
7	0.6208	0.4448	0.2158	3.18 B	2.83	38.4	24.6	6.62	5.42	8.43	3.628	2.888	7
8	0.5838	0.4388	0.2278	2.86 B	2.88	46.2	80.7	6.32	13.0	8.23	3.438	2.888	8
9	0.4868	0.4268	0.2078	2.13 B	2.71	44.8	48.7	6.37	23.1	8.02	3.328	2.728	9
10	0.3618	0.4068	0.1988	2.41 B	2.55	39.4	33.8	6.28	19.7	8.82	3.618	2.788	10
11	0.3888	0.3858	0.1908	2.83 B	2.19	36.3	28.6	6.85	17.8	8.77	3.228	2.268	11
12	0.4108	0.3448	0.1848	2.82 B	2.36	33.3	26.8	6.88	16.6	8.84	3.228	2.408	12
13	0.4248	0.3638	0.1738	2.86 B	2.36	30.1	26.8	6.88	16.0	8.83	3.468	2.488	13
14	0.2388	0.3348	0.1648	4.17 B	2.42	27.0	26.6	6.80	15.6	8.00	3.518	2.368	14
15	0.2138	0.3178	0.1648	4.38 B	2.40	24.3	27.1	6.07	15.2	8.80	3.558	2.278	15
16	0.2448	0.3038	0.1738	5.16 B	2.69	22.3	25.7	6.13	14.6	7.37	3.568	2.058	16
17	0.2278	0.3008	0.2048	5.88 B	3.42	20.4	24.1	6.06	13.8	7.17	3.558	2.118	17
18	0.2308	0.2708	0.2388	6.10	6.63	18.8	22.5	6.77	13.3	7.47	3.558	2.258	18
19	0.2488	0.2748	0.2868	5.71	17.2	17.1	21.2	6.80	12.8	7.84	3.588	2.188	19
20	0.2748	0.2908	0.2688	4.84	15.3	15.8	19.8	6.42	12.2	7.82	3.588	2.238	20
21	0.2858	0.3358	0.2448	4.86	23.8	14.7	18.2	6.36	11.7	7.90	3.538	2.128	21
22	0.2978	0.3268	0.2478	4.85	25.6	13.7	17.2	6.21	11.0	7.88	3.498	2.018	22
23	0.3468	0.3028	0.3128	4.73	22.7	12.7	16.4	6.00	10.2	7.68	3.298	1.988	23
24	0.3858	0.2898	0.4768	4.38	21.1	11.4	15.2	5.75	9.86	7.80	3.068	1.888	24
25	0.3258	0.2678	0.3768	4.80	24.7	10.2	14.0	5.55	9.28	7.84	3.178	1.888	25
26	0.2928	0.2498	0.3388	4.31	26.3	9.71	13.0	5.15	8.80	7.22	3.378	1.838	26
27	0.2628	0.1898	0.3898	3.88	33.3	8.81	11.8	3.22	8.52	6.368	3.318	1.838	27
28	0.4078	0.2058	0.2498	3.78	32.8	8.43	10.7	3.13	8.06	5.838	3.268	1.678	28
29	0.4668	0.2738	0.3508	3.75	31.1	8.50	9.82	3.43	7.70	5.238	3.268	1.668	29
30	0.4788		0.4808	3.84	18.7	8.12	9.13	3.68	7.54	4.778	3.248	1.588	30
31	0.4648		0.5068		16.2		8.55	2.82		4.288		1.498	31
TOTAL	12 707	10 156	8 533	105 847	336 92	782.17	618.30	148 38	323.01	206.07	104 50	72 84	TOTAL
MEAN	0.410	0.380	0.275	3 53	10 8	26.1	19 9	4.78	10.8	6.65	3.48	2 34	MEAN
MAX	0.683	0.507	0.606	5 88	25 6	72.7	80.7	7 83	23 1	7.84	3.88	3.27	MAX
MIN	0.213	0.198	0 184	0 530	2 19	8 12	8 55	2.43	2 88	4.28	3.08	1 49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 45
MAXIMUM DAILY, 72.7 ON JUN 2
MINIMUM DAILY, 0 1848 ON MAR 14
MAXIMUM INSTANTANEOUS,
82 5 AT 05:30 MST ON JUN 2

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 15 19 N
LONG 114 13 54 W
DRAINAGE AREA, 2 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	53 200
FEB	877	AUG	12 800
MAR	737	SEP	27 900
APR	9 150	OCT	17 800
MAY	28 100	NOV	9 030
JUN	67 600	DEC	6 280

TOTAL DISCHARGE, 238 000 dam³

DRY COULEE NEAR MACRATH - STATION NO 05AE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.004	0.670	0.526	0.843	0.887	0.327	---	---	1
2	---	---	---	---	0.002	0.577	0.571	0.718	0.356	0.307	---	---	2
3	---	---	---	---	0.002	0.387	0.574	0.584	0.490	0.333	---	---	3
4	---	---	---	---	0.002	0.307	0.851	0.498	0.512	0.538	---	---	4
5	---	---	---	---	0.003	0.272	0.410	0.384	0.619	0.415	---	---	5
6	---	---	---	---	0.002	0.208	0.319	0.521	0.526	0.127	---	---	6
7	---	---	---	---	0.003	0.274	0.315	0.691	1.04	0.079	---	---	7
8	---	---	---	---	0.002	0.318	0.262	0.771	0.713	0.092	---	---	8
9	---	---	---	---	0.002	0.775	0.314	0.642	0.888	0.210	---	---	9
10	---	---	---	---	0.001	0.472	0.284	0.652	0.513	0.105	---	---	10
11	---	---	---	---	0.001	0.417	0.083	0.635	0.315	0.049	---	---	11
12	---	---	---	---	0	0.400	0.088	0.640	0.347	0.019	---	---	12
13	---	---	---	---	0	0.415	0.160	0.338	0.423	0.028	---	---	13
14	---	---	---	---	0	0.576	0.241	0.184	0.406	0.020	---	---	14
15	---	---	---	---	0.037	0.488	0.264	0.206	0.248	0.024	---	---	15
16	---	---	---	---	0.076	0.691	0.268	0.247	0.304	0.026	---	---	16
17	---	---	---	---	0.041	0.438	0.340	0.404	0.351	0.0308	---	---	17
18	---	---	---	---	0.044	0.382	0.143	0.538	0.278	0.0328	---	---	18
19	---	---	---	---	0.044	0.151	0.121	0.602	0.188	0.0348	---	---	19
20	---	---	---	---	0.187	0.187	0.182	0.348	0.408	0.0388	---	---	20
21	---	---	---	---	0.135	0.282	0.388	0.327	0.528	0.0348	---	---	21
22	---	---	---	---	0.117	1.12	0.807	0.233	0.443	0.0338	---	---	22
23	---	---	---	---	0.178	0.431	0.473	0.178	0.333	0.0338	---	---	23
24	---	---	---	---	0.211	0.238	0.480	0.172	0.283	0.0348	---	---	24
25	---	---	---	0.0084	0.135	0.218	0.807	0.128	0.138	0.0338	---	---	25
26	---	---	---	0.008	0.387	0.271	0.381	0.180	0.113	0.0328	---	---	26
27	---	---	---	0.010	0.388	0.523	0.322	0.288	0.108	0.0308	---	---	27
28	---	---	---	0.008	0.316	0.388	0.328	0.198	0.128	0.0288	---	---	28
29	---	---	---	0.008	0.221	0.480	0.383	0.414	0.417	0.0268	---	---	29
30	---		---	0.008	0.316	0.817	0.893	0.448	0.307	0.0278	---	---	30
31	---		---		0.417		1.30	0.388		0.0268		---	31
TOTAL	---	---	---	---	3.202	12.880	12 185	13.482	12 020	3 174	---	---	TOTAL
MEAN	---	---	---	---	0 103	0 436	0 383	0 434	0 401	0 102	---	---	MEAN
MAX	---	---	---	---	0.417	1 12	1 30	0 840	1 04	0 538	---	---	MAX
MIN	---	---	---	---	0	0 151	0.083	0 128	0.108	0.018	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 1.30 ON JUL 31
MINIMUM DAILY, 0 ON MAY 12

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 30 N
LONG 110 55 48 W
DRAINAGE AREA, 54 7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 050
FEB	---	AUG	1 150
MAR	---	SEP	1 040
APR	---	OCT	274
MAY	377	NOV	---
JUN	1 110	DEC	---

TOTAL DISCHARGE,, 4 910 dam³

DRYWOOD CREEK NEAR THE MOUTH - STATION NO. 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.414B	0.279B	0.482	1.68	8.32	4.16	1.30	0.848	1.23	0.940B	0.658B	1
2	0.850B	0.423B	0.267B	0.466	1.72	8.85	3.51	1.44	0.755	1.54	1.03 B	0.531B	2
3	1.00 B	0.421B	0.256B	0.484	1.68	8.78	3.01	1.70	0.760	2.03	1.16 B	0.670B	3
4	1.08 B	0.438B	0.284B	0.502	1.71	8.42	2.75	1.68	0.730	2.81	1.20 B	0.750B	4
5	1.13 B	0.418B	0.296B	0.584	1.75	8.17	2.75	1.62	0.816	3.12	1.19 B	0.900B	5
6	0.854B	0.438B	0.331B	0.884	1.73	8.24	2.57	1.60	0.900	3.43	1.17 B	1.00 B	6
7	0.772B	0.400B	0.323B	0.847	1.73	8.54	2.65	1.42	0.906	3.09	1.11 B	0.853B	7
8	0.648B	0.421B	0.314B	0.523	1.86	8.62	2.42	1.33	0.988	2.89	0.974B	0.648B	8
9	0.488B	0.412B	0.321B	0.547	1.55	8.60	2.26	1.31	0.712	2.97	0.964B	0.777B	9
10	0.647B	0.363B	0.340B	0.546	1.68	8.62	2.05	1.29	0.702	2.84	1.03 B	0.740B	10
11	0.636B	0.330B	0.326B	0.440	1.78	8.19	1.92	1.28	0.887	2.69	1.01 B	0.853B	11
12	0.501B	0.380B	0.335B	0.473	1.77	8.18	1.85	1.18	0.748	2.43	0.980B	0.701B	12
13	0.447B	0.395B	0.309B	0.461	1.98	8.28	1.86	1.28	0.693	2.27	0.873B	0.808B	13
14	0.436B	0.336B	0.326B	0.498	2.93	8.86	1.75	1.21	0.884	2.18	0.861B	0.808B	14
15	0.435B	0.285B	0.349B	0.533	7.40	8.31	1.87	1.21	0.851	2.21	0.886B	0.908B	15
16	0.420B	0.270B	0.356B	0.805	10.9	8.29	1.58	1.15	0.498	2.07	1.02 B	0.831B	16
17	0.440B	0.275B	0.366B	0.674	8.71	7.58	1.45	1.14	0.491	2.00	0.882B	0.772B	17
18	0.460B	0.263B	0.369B	1.27	8.67	8.57	1.39	1.13	0.478	1.88	0.842B	0.816B	18
19	0.480B	0.302B	0.368B	1.47	8.68	8.78	1.30	1.08	0.477	1.95	0.877B	0.736B	19
20	0.485B	0.362B	0.406B	1.69	8.54	8.34	1.22	1.03	0.837	1.74	0.838B	0.808B	20
21	0.520B	0.316B	0.424B	1.35	8.23	8.46	1.18	1.02	0.845	1.58	0.859B	0.580B	21
22	0.590B	0.301B	0.431B	1.23	8.26	8.67	1.22	1.02	0.877	1.61	0.731B	0.500B	22
23	0.650B	0.259B	0.461B	1.21	8.40	8.74	1.22	1.04	0.931	1.53	0.985B	0.476B	23
24	0.670B	0.276B	0.463B	1.73	8.06	8.26	1.19	1.01	0.883	1.56	0.843B	0.476B	24
25	0.650B	0.284B	0.449B	2.21	3.87	7.83	1.12	0.986	0.845	1.52	0.481B	0.452B	25
26	0.543B	0.287B	0.471B	2.18	3.74	7.30	1.10	0.826	0.909	1.46 B	0.501B	0.448B	26
27	0.482B	0.263B	0.475B	2.09	3.48	6.47	1.44	0.821	0.885	1.35 B	0.550B	0.442B	27
28	0.486B	0.280B	0.467B	2.07	3.40	5.98	1.23	0.891	0.895	1.06 B	0.607B	0.437B	28
29	0.469B	0.272B	0.464B	1.93	4.31	5.26	1.52	0.763	0.973	1.01 B	0.558B	0.448B	29
30	0.449B		0.483	1.86	4.83	4.84	1.66	0.747	1.11	1.00 B	0.614B	0.484B	30
31	0.472B		0.483		12.4		1.51	0.822		0.960B		0.457B	31
TOTAL	18.761	9.886	11.620	31.860	131.58	184.53	58.46	36.858	21.759	61.890	26.945	19.657	TOTAL
MEAN	0.605	0.341	0.374	1.06	4.24	8.15	1.89	1.15	0.725	1.00	0.898	0.634	MEAN
MAX	1.13	0.438	0.483	2.21	12.4	8.74	4.16	1.70	1.11	3.43	1.20	1.00	MAX
MIN	0.430	0.259	0.256	0.440	1.58	4.17	1.10	0.521	0.406	0.860	0.481	0.437	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 12.4 ON MAY 31
MINIMUM DAILY, 0.2598 ON FEB 23
MAXIMUM INSTANTANEOUS,
13.6 AT 04:50 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 36 N
LONG 113 47 35 W
DRAINAGE AREA, 238 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 620	JUL	5 050
FEB	884	AUG	3 080
MAR	1 000	SEP	1 810
APR	2 740	OCT	5 350
MAY	11 400	NOV	2 320
JUN	15 900	DEC	1 700

TOTAL DISCHARGE, 52 900 dam³

DRYWOOD CREEK NEAR TWIN BUTTE - STATION NO. 05AD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0708	0.309	1.58	1.04	0.259	0.160	0.191	---	---	1
2	---	---	---	0.0838	0.301	1.32	0.909	0.289	0.162	0.199	---	---	2
3	---	---	---	0.0808	0.286	1.18	0.463	0.262	0.160	0.262	---	---	3
4	---	---	---	0.084	0.295	1.09	0.803	0.276	0.154	0.475	---	---	4
5	---	---	---	0.070	0.295	1.06	0.783	0.276	0.148	0.595	---	---	5
6	---	---	---	0.078	0.300	1.15	0.760	0.276	0.155	0.574	---	---	6
7	---	---	---	0.0728	0.299	1.13	0.714	0.260	0.148	0.503	---	---	7
8	---	---	---	0.074	0.297	1.17	0.678	0.254	0.147	0.471	---	---	8
9	---	---	---	0.078	0.295	1.14	0.621	0.261	0.164	0.458	---	---	9
10	---	---	---	0.078	0.321	1.18	0.584	0.256	0.150	0.436	---	---	10
11	---	---	---	0.077	0.348	1.33	0.552	0.246	0.151	0.414	---	---	11
12	---	---	---	0.0758	0.350	1.18	0.519	0.237	0.151	0.417	---	---	12
13	---	---	---	0.077	0.382	1.30	0.493	0.241	0.140	0.429	---	---	13
14	---	---	0.0818	0.085	0.698	1.69	0.478	0.238	0.143	0.408	---	---	14
15	---	---	---	0.084	1.33	1.88	0.430	0.228	0.147	0.408	---	---	15
16	---	---	---	0.097	1.82	1.88	0.400	0.218	0.131	0.392	---	---	16
17	---	---	---	0.084	1.47	1.74	0.384	0.212	0.129	0.360	---	---	17
18	---	---	---	0.113	1.26	1.58	0.358	0.222	0.126	0.356	---	---	18
19	---	---	---	0.126	1.33	1.42	0.343	0.218	0.126	0.354	---	---	19
20	---	---	---	0.140	1.37	1.33	0.329	0.208	0.148	0.338	---	---	20
21	---	---	---	0.136	1.25	1.53	0.322	0.207	0.173	0.326	---	---	21
22	---	---	---	0.131	1.08	1.71	0.303	0.201	0.185	0.312	---	---	22
23	---	---	---	0.146	1.01	1.67	0.292	0.198	0.173	0.308	---	---	23
24	---	---	---	0.226	0.931	1.61	0.277	0.192	0.188	0.310	---	---	24
25	---	---	---	0.316	0.907	1.77	0.232	0.182	0.181	0.301	---	---	25
26	---	---	---	0.337	0.878	1.68	0.265	0.173	0.184	0.318	---	---	26
27	---	---	---	0.341	0.853	1.54	0.276	0.172	0.182	0.2898	---	---	27
28	---	0.0598	0.0878	0.338	0.851	1.40	0.261	0.174	0.184	0.2988	---	---	28
29	---	---	0.0848	0.333	1.15	1.32	0.267	0.168	0.176	0.2928	---	---	29
30	---		0.0808	0.317	2.22	1.18	0.263	0.164	0.182	0.2838	---	---	30
31	---		0.0808		2.46		0.265	0.177		0.2768		---	31
TOTAL	---	---	---	4.314	26.847	43.12	15.102	6.870	4.641	11.358	---	---	TOTAL
MEAN	---	---	---	0.144	0.866	1.44	0.487	0.225	0.155	0.366	---	---	MEAN
MAX	---	---	---	0.341	2.46	1.88	1.04	0.259	0.162	0.595	---	---	MAX
MIN	---	---	---	0.070	0.295	1.06	0.232	0.164	0.128	0.191	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.525
MAXIMUM DAILY, 2.46 ON MAY 31
MINIMUM DAILY, 0.0608 ON APR 3
MAXIMUM INSTANTANEOUS,
2.88 AT 23:40 MST ON MAY 30

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 00 N
LONG 114 00 30 W
DRAINAGE AREA, 25.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 300
FEB	---	AUG	802
MAR	---	SEP	401
APR	373	OCT	981
MAY	2 320	NOV	---
JUN	3 730	DEC	---

TOTAL DISCHARGE, 9 710 dam³

DUTCH CREEK NEAR THE MOUTH - STATION NO. 05AA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.5448	3.18	2.96	1.02	0.548	0.502	---	---	1
2	---	---	---	---	0.624	2.83	2.62	0.956	0.546	0.512	---	---	2
3	---	---	---	---	0.711	2.58	2.37	0.875	0.545	0.573	---	---	3
4	---	---	---	---	0.686	2.48	2.26	0.844	0.524	0.555	---	---	4
5	---	---	---	---	0.665	2.84	2.46	0.897	0.504	0.552	---	---	5
6	---	---	---	---	0.628	2.73	3.21	1.01	0.524	0.534	0.3168	---	6
7	---	---	---	---	0.661	3.34	2.82	0.934	0.539	0.519	---	---	7
8	---	---	---	---	0.807	4.15	2.38	0.877	0.523	0.506	---	---	8
9	---	---	---	---	1.39	4.97	2.21	0.838	0.518	0.504	---	---	9
10	---	---	---	---	1.11	4.44	2.07	0.812	0.530	0.488	---	---	10
11	---	---	---	---	0.926	4.23	1.96	0.788	0.518	0.483	---	---	11
12	---	---	---	---	0.890	4.28	1.86	0.794	0.522	0.488	---	---	12
13	---	---	---	---	1.05	4.47	1.78	0.773	0.505	0.504	---	---	13
14	---	---	---	---	1.74	4.81	1.69	0.750	0.493	0.467	---	---	14
15	---	---	---	---	2.67	5.61	1.59	0.726	0.487	0.478	---	---	15
16	---	---	---	---	4.23	5.35	1.53	0.708	0.472	0.4648	---	---	16
17	---	---	---	---	2.15	4.83	1.48	0.688	0.458	0.471	---	---	17
18	---	---	---	---	2.50	4.32	1.41	0.681	0.445	0.4348	---	---	18
19	---	---	---	---	2.56	4.04	1.34	0.678	0.444	0.4308	---	---	19
20	---	---	---	---	2.96	4.22	1.31	0.673	0.472	0.4098	---	---	20
21	---	---	---	---	3.37	4.76	1.35	0.648	0.591	0.4058	---	---	21
22	---	---	---	---	1.88	4.91	1.29	0.631	0.555	0.4058	---	---	22
23	---	---	---	---	3.03	4.63	1.30	0.606	0.523	0.4038	---	---	23
24	---	---	---	---	1.88	4.67	1.14	0.590	0.4788	0.484	---	---	24
25	---	---	---	---	1.78	4.76	1.11	0.580	0.498	0.482	---	---	25
26	---	---	---	0.8168	1.71	4.49	1.08	0.598	0.478	0.3518	---	---	26
27	---	---	---	0.4628	1.88	4.23	1.07	0.576	0.4618	0.3488	---	---	27
28	---	---	---	0.4888	1.88	3.91	1.18	0.627	0.4378	0.3458	---	---	28
29	---	---	---	0.5108	2.26	3.77	1.13	0.587	0.4718	0.3428	---	---	29
30	---	---	---	0.5368	4.12	3.48	1.14	0.563	0.4838	0.3398	---	---	30
31	---		---		4.83		1.08	0.552		0.3368		---	31
TOTAL	---	---	---	---	58.595	122.81	53.85	23.193	15.074	14.171	---	---	TOTAL
MEAN	---	---	---	---	1.83	4.09	1.74	0.748	0.502	0.457	---	---	MEAN
MAX	---	---	---	---	4.83	5.61	3.21	1.02	0.591	0.572	---	---	MAX
MIN	---	---	---	---	0.544	2.48	1.08	0.552	0.437	0.336	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.55
MAXIMUM DAILY, 5.61 ON JUN 15
MINIMUM DAILY, 0.3368 ON OCT 31
MAXIMUM INSTANTANEOUS,
5.95 AT 00:28 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 06 N
LONG 114 25 49 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 650
FEB	---	AUG	2 000
MAR	---	SEP	1 300
APR	---	OCT	1 220
MAY	4 890	NOV	---
JUN	10 600	DEC	---

TOTAL DISCHARGE, 24 700 dam³

EAST PRAIRIE RIVER NEAR ENILDA - STATION NO 07BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3108	2 148	3 78	9 82	4 43	1 47	2 04	1 74	---	---	1
2	---	---	0.3008	3 498	3 85	8 47	13 4	1 25	2 08	1 83	---	---	2
3	---	---	0.2908	3 678	3 37	7 22	14 8	1 18	1 97	1 55	---	---	3
4	---	---	0.3008	4 478	3 71	6 80	12 1	1 05	2 14	4 37	---	---	4
5	---	---	0.2658	5 188	3 87	10 2	11 2	0 983	2 47	3 91	---	---	5
6	---	---	0.2308	3 248	4 14	19 1	10 3	5 39	2.47	3 15	---	---	6
7	---	---	0.2058	3.158	7 07	31 5	8.62	3 37	2.67	3 02	---	---	7
8	---	---	0.1938	3 748	5 81	83 3	13 5	3 16	12.8	2 84	---	---	8
9	---	---	0.2848	4 63	4.56	106	15 8	8 85	46 4	2 62	---	---	9
10	---	---	0.2478	4 07	5 15	71 0	16 2	8 62	32 6	2 57	---	---	10
11	---	---	0.2878	3 91	6 42	38 3	14 8	6 38	16 8	2 37	---	---	11
12	---	---	0.3028	3 84	8 47	31 9	13 4	8 67	14.9	2 57	---	---	12
13	---	---	0.2808	3 85	8 70	26 7	12 1	8 45	14 3	2 96	---	---	13
14	---	---	0.2848	3 58	8 24	12 3	12 5	5 80 E	10 7	3.40	---	---	14
15	---	---	0.2438	3 568	8.90	10 1	11 4	5 30 E	9 98	3.97	---	---	15
16	---	---	0.3248	13 5	38 6	8 01	11 1	7 56	6 44	4.63	---	---	16
17	---	---	0 4268	12 4	76.9	9 62	7.86	7 67	6 13	3.978	---	---	17
18	---	---	0 5308	11 0	73 3	9.07E	4 87	7 45	7.71	3.628	---	---	18
19	---	---	0.4118	10.3	51.2	8 81	3.48	8 30 E	7.46	3.598	---	---	19
20	---	---	0.3678	9 88	33 5	7.84	2 98	8 36	8 85	3 688	---	---	20
21	---	---	0.3138	9 16	30 6	6.85	2.47	8.87	6.03	3.588	---	---	21
22	---	---	0.3138	8 70	35.4	5 78	2 19	8.51	5.85	3.718	---	---	22
23	---	---	0.3468	7 03	58.2	5 25	2 88E	7.30	5.67	3.748	---	---	23
24	---	---	0.3868	8 24	48 5	4 40	3 53	8 17	3.78	3 948	---	---	24
25	---	---	0.4188	9 48	38 3	4.70	3.30	9 26	4.80	3.948	---	---	25
26	---	---	0.4628	8 71	31.2	4 04	2.83	3.81	3.87	3.588	---	---	26
27	---	0.2758	0.5618	8.47	23.8	3 84	2.78	3.12	3.21	3.108	---	---	27
28	---	0.2858	0.7008	8.01	18.8	3 85	3.87	3.70	3 84	3 898	---	---	28
29	---	0 2958	0.8318	3 87	14 4	3.43	3 42	3 85	3.43	3.678	---	---	29
30	---		2.01 E	3 78	8 05	3.30	3.01	3.32	3.06	3.508	---	---	30
31	---		2.80 E		8 87		1.74	3.09		3.408		---	31
TOTAL	---	---	14.988	177.12	881.88	583.30	243.88	151.933	255.32	98.00	---	---	TOTAL
MEAN	---	---	0 484	5.90	33 0	16 4	7.87	4.90	8.51	3.15	---	---	MEAN
MAX	---	---	2.80	13 5	76 9	106	16 2	9 87	46 4	4.63	---	---	MAX
MIN	---	---	0.303	2 14	3.37	3.30	1 74	0.983	1 97	1.65	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.02
MAXIMUM DAILY, 106 ON JUN 9
MINIMUM DAILY, 0.2038 ON MAR 6
MAXIMUM INSTANTANEOUS,
118 AT 03:00 MST ON JUN 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 25 00 N
LONG 118 20 20 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 100
FEB	---	AUG	13 100
MAR	1 300	SEP	22 100
APR	15 300	OCT	8 470
MAY	58 900	NOV	---
JUN	48 700	DEC	---

TOTAL DISCHARGE, 189 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

EASTERN IRRIGATION DISTRICT EAST BRANCH CANAL NEAR LATHOM - STATION NO. 05CJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	26.8	19.1	30.0	33.4	35.4	34.8	1.27 E	---	1
2	---	---	---	0	26.8	21.5	29.3	33.4	35.1	34.2	1.11 E	---	2
3	---	---	---	0	27.4	22.8	30.1	34.4	34.9	35.3	0.961E	---	3
4	---	---	---	0	28.2	24.0	29.8	34.3	34.8	37.1	0.808E	---	4
5	---	---	---	0	28.3	24.8	29.6	34.2	35.0	37.4	0.855E	---	5
6	---	---	---	0	28.5	25.4	29.4	33.9	36.1	37.1	0.502E	---	6
7	---	---	---	0	28.4	25.9	29.3	33.6	35.8	37.2	0.349E	---	7
8	---	---	---	0	28.0	26.1	29.6	33.2	35.8	36.8	0.185A	---	8
9	---	---	---	0	21.2	26.4	29.0	33.7	35.6	36.2	0.043E	---	9
10	---	---	---	0	16.4	26.7	29.2	33.2	36.1	35.8	0 E	---	10
11	---	---	---	0	18.3	26.2	28.7	33.7	36.1	35.8	0 E	---	11
12	---	---	---	0 A	16.4	25.2	28.7	33.5	35.8	35.3	0 E	---	12
13	---	---	---	7.53	18.4	25.5	28.5	34.1	35.8	35.5	0 E	---	13
14	---	---	---	7.53	15.6	25.9	29.1	34.1	36.3	36.0	0 E	---	14
15	---	---	---	6.26	15.0	25.5	29.3	34.4	36.1	36.3	0 E	---	15
16	---	---	---	6.05	14.8	25.3	28.1	34.5	35.5	37.0	0 E	---	16
17	---	---	---	13.1	14.8	25.5	27.6	34.9	36.5	36.2	0 E	---	17
18	---	---	---	15.5	17.0	30.4	26.2	34.9	36.2	34.0	0 E	---	18
19	---	---	---	16.1	16.3	30.0	20.6	35.1	36.0	30.5	0 E	---	19
20	---	---	---	17.4	16.2	30.5	20.0	35.4	35.9	31.4	0 E	---	20
21	---	---	---	17.6	17.7	30.4	20.9	35.2	36.1	31.1	0 E	---	21
22	---	---	---	17.4	17.7	30.0	24.5	35.1	35.0	30.8	0 E	---	22
23	---	---	---	16.6	16.5	29.9	29.2	35.1	35.7	30.8	0 E	---	23
24	---	---	---	20.6	16.0	30.3	29.9	35.3	35.1	30.3	0 E	---	24
25	---	---	---	23.9	16.6	30.3	29.4	35.7	33.2	28.9	0 E	---	25
26	---	---	0A	28.7	16.5	30.0	30.1	36.1	33.6	29.0	0 E	---	26
27	---	---	0	28.0	16.4	29.9	29.8	36.4	34.6	29.3	0 E	---	27
28	---	---	0	28.1	20.8	29.3	30.2	35.9	34.6	29.0	0 E	---	28
29	---	---	0	26.0	24.5	30.8	30.5	35.6	34.9	9.00E	0 E	---	29
30	---		0	26.2	24.6	30.7	29.4	35.6	35.0	1.42E	0 E	---	30
31	---		0		21.4		32.6	35.6		1.42A		---	31
TOTAL	---	---	---	325.47	639.8	840.2	878.9	1 074.4	1 065.8	963.34	5.894	---	TOTAL
MEAN	---	---	---	10.8	20.8	28.0	28.4	34.7	35.5	31.1	0.196	---	MEAN
MAX	---	---	---	28.7	28.5	30.8	32.6	36.4	36.6	37.4	1.27	---	MAX
MIN	---	---	---	0	14.8	19.1	20.0	33.2	33.2	1.42	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 37.4 ON OCT 5
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 15 N
LONG 112 20 29 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	75 800
FEB	---	AUG	92 800
MAR	---	SEP	82 100
APR	28 100	OCT	83 200
MAY	55 300	NOV	509
JUN	72 800	DEC	---

TOTAL DISCHARGE, 501 000 dam³

EASTERN IRRIGATION DISTRICT NORTH BRANCH CANAL NEAR BASSANO - STATION NO. 05CJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.080	13.0	13.4	5.88	4.08	1.50	---	---	1
2	---	---	---	0	0.091	13.5	13.1	5.03	4.07	2.98	---	---	2
3	---	---	---	0	0.087	12.8	14.1	4.85	4.08	4.58	---	---	3
4	---	---	---	0	0.078	12.6	13.8	4.94	4.07	4.52	---	---	4
5	---	---	---	0	0.074	12.3	13.0	4.89	4.16	4.43	---	---	5
6	---	---	---	0	0.078	11.8	13.1	4.80	4.32	4.34	---	---	6
7	---	---	---	0	0.075	11.9	13.2	5.38	4.33	4.25	---	---	7
8	---	---	---	0	0.081	12.1	13.5	5.32	4.14	4.15	---	---	8
9	---	---	---	0	0.078	10.9	13.2	5.34	4.09	3.74	---	---	9
10	---	---	---	0	0.071	10.2	13.4	5.01	4.16	3.93	---	---	10
11	---	---	---	0	0.070	8.80	13.2	5.10	4.19	3.80	---	---	11
12	---	---	---	0	0.075	8.38	13.2	5.05	4.32	3.75	---	---	12
13	---	---	---	0	0.453	8.02	13.7	5.11	4.20	3.27	---	---	13
14	---	---	---	0	3.33	8.12	13.3	5.10	2.80	3.06	---	---	14
15	---	---	---	0	3.48	8.61	13.2	4.30	1.17	2.84	---	---	15
16	---	---	---	0	3.11	8.36	13.0	3.80	0.820	3.84	---	---	16
17	---	---	---	0.058	3.43	8.84	13.1	3.70	0.705	5.93	---	---	17
18	---	---	---	0.069	3.52	9.78	14.8	4.41	0.852	5.20	---	---	18
19	---	---	---	0.048	3.81	10.1	14.3	4.48	0.837	2.05	---	---	19
20	---	---	---	0.041	3.84	10.7	14.4	4.09	0.484	0.426	---	---	20
21	---	---	---	0.037	3.85	11.1	14.7	3.78	0.486	0.407	---	---	21
22	---	---	---	0.033	4.01	9.83	15.1	4.34	0.486	2.13	---	---	22
23	---	---	---	0.031	5.55	9.38	14.3	4.33	0.478	4.23	---	---	23
24	---	---	---	0.029	6.07	9.45	13.2	4.35	0.739	6.33	---	---	24
25	---	---	---	0.038	7.81	9.86	11.8	4.20	1.17	6.70	---	---	25
26	---	---	0A	0.086	7.83	11.0	11.5	4.18	1.38	4.84	---	---	26
27	---	---	0	0.086	7.78	11.6	11.5	4.07	1.61	3.96	---	---	27
28	---	---	0	0.086	8.20	12.8	11.8	3.86	1.61	3.86	---	---	28
29	---	---	0	0.083	11.5	13.5	11.9	3.80	1.97	1.93 A	---	---	29
30	---		0	0.087	13.1	13.6	8.38	3.87	1.83	0 E	---	---	30
31	---		0		11.8		5.55	4.04		0 A		---	31
TOTAL	---	---	---	0.811	113.438	323.69	413.23	141.29	72.107	105.813	---	---	TOTAL
MEAN	---	---	---	0.027	3.66	10.8	13.3	4.56	2.40	3.41	---	---	MEAN
MAX	---	---	---	0.087	12.1	13.6	15.7	5.88	4.33	6.70	---	---	MAX
MIN	---	---	---	0	0.070	8.02	8.38	3.80	0.478	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 112 25 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 700
FEB	---	AUG	12 200
MAR	---	SEP	6 230
APR	70.1	OCT	8 140
MAY	6 800	NOV	---
JUN	27 800	DEC	---

EASTERN IRRIGATION DISTRICT SPRINGHILL CANAL NEAR LATHOM - STATION NO. 05CJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	3.10	33.1	33.8	13.5	7.20	6.41	---	---	1
2	---	---	---	0	3.80	33.3	33.6	11.3	7.21	6.80	---	---	2
3	---	---	---	0	3.58	33.2	33.6	9.73	7.20	6.83	---	---	3
4	---	---	---	0	3.58	33.3	33.6	9.72	7.23	6.85	---	---	4
5	---	---	---	0	3.92	33.4	33.6	9.76	7.26	6.84	---	---	5
6	---	---	---	0	3.82	33.5	33.5	9.88	7.43	6.81	---	---	6
7	---	---	---	0	3.83	33.1	33.7	9.88	7.80	6.86	---	---	7
8	---	---	---	0	3.56	33.2	33.0	9.89	7.76	6.84	---	---	8
9	---	---	---	0	3.58	33.3	33.2	9.71	7.85	6.38	---	---	9
10	---	---	---	0	5.90	33.3	33.4	9.82	7.96	5.78	---	---	10
11	---	---	---	0	7.11	30.0	33.8	9.58	8.08	5.73	---	---	11
12	---	---	---	0	7.10	18.6	34.8	9.50	8.17	5.88	---	---	12
13	---	---	---	0	7.08	15.6	35.0	9.48	8.12	5.87	---	---	13
14	---	---	---	0	7.02	15.8	35.3	9.58	8.03	5.84	---	---	14
15	---	---	---	0	8.26	16.7	35.1	9.65	7.93	2.33	---	---	15
16	---	---	---	0	8.95	17.2	35.8	9.78	7.85	0	---	---	16
17	---	---	---	0	8.87	17.4	35.6	9.82	7.77	0	---	---	17
18	---	---	---	0	9.62	18.0	35.7	9.90	7.68	0	---	---	18
19	---	---	---	0	9.58	18.5	35.3	9.89	7.62	0	---	---	19
20	---	---	---	0	9.88	18.6	35.7	10.1	7.67	0	---	---	20
21	---	---	---	0	10.8	18.6	35.4	10.1	7.93	0	---	---	21
22	---	---	---	0	12.3	17.0	35.3	10.1	7.68	0	---	---	22
23	---	---	---	0.632	13.2	16.1	35.9	10.0	7.38	0	---	---	23
24	---	---	---	1.20	13.8	16.3	30.4	10.0	6.23	0	---	---	24
25	---	---	---	1.14	14.2	14.5	30.5	9.93	5.80	0	---	---	25
26	---	---	---	1.11	14.2	14.4	30.7	9.88	4.98	0	---	---	26
27	---	---	---	1.08	14.2	16.5	30.7	9.78	4.08	0	---	---	27
28	---	---	0A	1.08	15.9	19.3	30.5	8.16	4.04	0	---	---	28
29	---	---	0	1.08	18.5	22.0	30.4	7.16	4.00	0	---	---	29
30	---		0	1.08	20.8	22.8	28.0	7.15	4.00	0	---	---	30
31	---		0		20.3		17.8	7.18		0 A		---	31
TOTAL	---	---	---	8.632	283.11	579.2	880.5	299.17	206.77	72.78	---	---	TOTAL
MEAN	---	---	---	0.284	9.13	19.3	27.8	9.69	6.56	2.35	---	---	MEAN
MAX	---	---	---	1.20	30.9	33.8	30.7	13.5	8.17	6.78	---	---	MAX
MIN	---	---	---	0	2.10	14.4	17.8	7.15	4.00	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 30.7 ON JUL 26
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 20 N
LONG 113 26 20 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	74 200
FEB	---	AUG	29 600
MAR	---	SEP	18 000
APR	737	OCT	6 280
MAY	24 500	NOV	---
JUN	50 000	DEC	---

ELBOW RIVER ABOVE ELBOW FALLS - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.958	1.48	1.72	7.12	5.03	4.66	3.23	3.01	3.418	---	1
2	---	---	1.978	1.46	1.76	6.78	7.82	4.67	3.23	3.02	---	---	2
3	---	---	1.80	1.46	1.77	5.84	5.86	4.64	3.18	3.11	---	---	3
4	---	---	1.84	1.47	1.77	5.67	5.83	4.44	3.11	3.30	---	---	4
5	---	---	1.86	1.53	1.78	5.47	5.76	4.43	3.07	3.44	---	---	5
6	---	---	1.91	1.58	1.82	7.52	7.15	4.48	3.12	3.39	---	---	6
7	---	---	1.90	1.53	1.88	7.86	6.70	4.46	3.08	3.33	---	---	7
8	---	---	1.81	1.55	1.83	11.1	6.24	4.36	3.01	3.52	---	---	8
9	---	---	1.81	1.54	1.80	10.8	5.83	4.25	3.00	3.71	---	---	9
10	---	---	1.81	1.55	1.84	9.79	5.70	4.17	3.00	3.70	---	---	10
11	---	---	1.80	1.55	1.83	13.0	5.73	4.16	3.04	3.76	---	---	11
12	---	---	1.80	1.54	1.83	14.6	5.84	4.17	3.13	3.68	---	---	12
13	---	---	1.818	1.55	1.12	14.6	5.95	4.07	3.58	3.72	---	---	13
14	---	---	1.808	1.57	1.82	15.0	5.70	3.98	3.68	3.71	---	---	14
15	---	---	1.888	1.55	1.80	16.7	5.56	3.68	3.64	3.62	---	---	15
16	---	---	1.83	1.70	3.43	16.1	5.48	3.78	3.82	3.56	---	---	16
17	---	---	1.82	1.67	3.30	13.3	5.63	3.76	3.75	3.54	---	---	17
16	---	---	1.80	1.66	3.67	11.3	5.55	3.73	3.66	3.47	---	---	18
19	---	---	1.48	1.71	2.84	10.3	5.48	3.78	2.85	3.48	---	---	19
20	---	---	1.60	1.63	3.31	10.1	5.38	3.63	2.78	3.33	---	---	20
21	---	---	1.54	1.63	3.31	12.9	5.68	3.66	3.86	3.18	---	---	21
22	---	---	1.60	1.77	3.30	12.0	5.35	3.44	2.89	3.11	---	---	22
23	---	---	1.63	1.77	3.31	12.7	4.86	3.43	2.88	3.08	---	---	23
24	---	---	1.63	1.74	3.36	13.0	4.61	3.40	2.86	2.86	---	---	24
25	---	---	1.58	1.73	3.47	12.6	4.69	3.35	2.87	3.08	---	---	25
26	---	---	1.55	1.72	3.50	12.0	4.68	3.25	2.86	3.10	---	---	26
27	---	---	1.61	1.72	3.49	13.0	4.77	3.46	2.83	2.84	---	---	27
28	---	---	1.63	1.73	3.46	13.1	4.68	3.61	2.78	2.82	---	---	28
29	---	---	1.60	1.72	4.20	14.6	5.03	3.38	2.86	2.98	---	---	29
30	---		1.48	1.72	13.0	12.8	5.04	3.33	2.83	3.43	---	---	30
31	---		1.46		13.0		4.83	3.23		2.808		---	31
TOTAL	---	---	48.78	49.01	99.43	341.36	180.04	120.68	88.38	100.68	---	---	TOTAL
MEAN	---	---	1.57	1.63	3.21	11.4	5.81	3.89	2.95	3.25	---	---	MEAN
MAX	---	---	1.67	1.83	13.0	16.7	8.03	4.67	3.23	3.76	---	---	MAX
MIN	---	---	1.46	1.46	1.72	5.47	4.68	3.23	2.85	2.42	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.30
MAXIMUM DAILY, 16.7 ON JUN 15
MINIMUM DAILY, 1.46 ON APR 2
MAXIMUM INSTANTANEOUS,
33.2 AT 22:05 MST ON MAY 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 20 N
LONG 114 47 37 W
DRAINAGE AREA, 437 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 500
FEB	---	AUG	10 400
MAR	4 310	SEP	7 640
APR	4 230	OCT	8 710
MAY	8 580	NOV	---
JUN	29 500	DEC	---

TOTAL DISCHARGE, 88 800 dam³

ELBOW RIVER AT BRAGG CREEK - STATION NO. 05BJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.458	2.258	2.518	2.89	3.24	8.83	11 8	8.37	4.59	4.49	3.458	2.858	1
2	2.508	2.288	2.508	2.92	3.28	8.12	10.2	8.38	4.62	4.88	3.408	2.858	2
3	2.908	2.308	2.608	2.88	3.34	7.76	9.28	8.35	4.88	4.88	3.388	2.878	3
4	2.888	2.288	2.708	3.02	3.30	7.22	8 86	8.13	4.50	4.78	3.378	2.828	4
5	2.908	2.278	2.808	3.13	3.38	6.48	8 78	8.07	4.37	4.84	3.388	2.858	5
6	3.808	2.288	2.908	3.25	3.46	9.86	9 14	8.10	4.41	5.02	3.358	2.908	6
7	2.708	2.238	2.868	3.17	3.81	10.8	8 75	8.05	4.48	4.98	3.348	2.858	7
8	2.608	2.228	2.708	3.13	3.75	15.8	8.21	8 91	4.41A	4.99	3.288	2.788	8
9	2.508	2.218	2.668	3.14	3.74	19.3	7 78	8.78	4.38E	5.21	3.208	2.808	9
10	2.408	2.208	2.538	3.14	3.68	17.7	7 83	8 67	4.48E	5.22	3.158	2.578	10
11	2.308	2.208	2.608	3 14	3.58	18.8	7 48	8.71	4.88E	5 27	3.128	2.548	11
12	2.208	2.218	2.658	3.07	3.48	18.4	7 72	8 85	5.28E	5.24	3.108	2.528	12
13	2.128	2.228	2.718	3.03	3.48	18.1	7 80	8.82	5.03E	5.18	3.058	2.518	13
14	2.068	2.228	2.758	3.18	3.84	17.6	7 80	8.80	4.81E	5.08	3.108	2.508	14
15	2.008	2.248	2.808	3.42	3.71	16.6	7 20	8.34	4.88E	5.11	3.208	2.488	15
16	1.988	2.258	2.858	3.82	5.49	16.8	7 05	8.25	4.38E	5.07	3.208	2.468	16
17	1.948	2.358	2.808	3.80	5.88	16.4	8 98	8.11	4.13E	5.04	3.408	2.458	17
18	1.908	2.248	2.788	3.85	5.20	14.3	8 87	8.11	4.14A	5.06	3.458	2.468	18
19	1.888	2.458	2.75	3.70	4.86	13.2	8 82	8.13	4.08	5.01	3.528	2.508	19
20	1.908	2.508	2.78	4.08	5.14	12.7	8.84	8.00	4.29	4.80B	3.558	2.558	20
21	1.928	2.488	2.88	4.11	5.11	15.4	7 91	8 88	4.78	4 88	3.518	2.548	21
22	1.948	2.478	3.21	3.83	4.86	14.9	7 09	8 78	4 80	4 88	3 508	2 528	22
23	1.988	2.468	3.28	3.84	5.06	15.1	8 88	8 78	4 62	4 88	3 498	2.508	23
24	2.008	2.458	3.21	3.50	5.21	15.3	8 62	8 80	4 80	4 88	3 518	2 488	24
25	2.038	2.458	3.03	3.48	5.51	15.2	8.31	4.71	4 70A	4.72	3 558	2 458	25
26	2.068	2.488	2.94	3.38	5 55	14.3	8 29	4 58	4 58E	4 858	3 508	2.438	26
27	2.108	2.468	2.91	3.30	5.87	14.9	8.38	4.80	4.47E	4.408	3.448	2.418	27
28	2.138	2.478	2.88	3.28	5.33	15.1	8.48	4.78	4.38A	4.238	3.358	2.408	28
29	2.168	2.498	2.90	3.30	5.55	15.0	8.80	4.83	4.33	3.978	3.208	2.428	29
30	2.208		2.87	3.24	10.4	15.2	8.77	4.82	4.40	3.758	3.058	2.478	30
31	2.238		2.90		15 9		8.46	4.58		3.938		2.508	31
TOTAL	69.30	67.58	87.13	100 13	153.36	433 98	238.16	185.84	138.84	147 69	100 04	80.30	TOTAL
MEAN	2.24	2.33	2.81	3.34	4.95	14.5	7.82	5.35	4.62	4.78	3 33	2 59	MEAN
MAX	3.90	3.50	3.25	4 11	15.9	19 4	11 9	8.37	5.35	5.27	3 58	2.95	MAX
MIN	1.88	1.20	2.50	2.88	3.24	7 22	6 28	4 58	4 09	3.53	3 08	2 40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4 86
MAXIMUM DAILY, 19.4 ON JUN 12
MINIMUM DAILY, 1 888 ON JAN 19
MAXIMUM INSTANTANEOUS,
21 1 AT 03:00 MST ON JUN 12

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 53 N
LONG 114 34 10 W
DRAINAGE AREA, 782 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 950	JUL 20 400	
FEB	5 840	AUG 14 300	
MAR	7 530	SEP 11 700	
APR	8 650	OCT 13 800	
MAY	13 300	NOV 8 840	
JUN	37 500	DEC 8 940	

TOTAL DISCHARGE, 154 000 dam³

ELBOW RIVER AT SARCEE BRIDGE - STATION NO 05BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	6 13	3 72	12 2	13.2	---	---	5 49A	---	---	1
2	---	---	---	4.10	3.59	8.53	11 0	7 02A	---	5 35	---	---	2
3	---	---	---	4 10	3.68	8.48	9.93	7 71	---	5 48	---	---	3
4	---	---	---	4 17	3 74	7.87	9.47	8 74	---	5 36	---	---	4
5	---	---	---	4 19	3.83	8 97	9.09	8 64	---	5 47	---	---	5
6	---	---	---	4 23	4 24	10 4	9 00	8 39	---	5.51	---	---	6
7	---	---	---	8 18	4.29	11 0	8 87	8 15	---	5 54	---	---	7
8	---	---	---	4.01	4 19	15.1	8 44	5 90	---	5 57	---	---	8
9	---	---	---	3.94	4 32	20 7	8.13	5 71	---	5 59	---	---	9
10	---	---	---	3.90	4 17	19.6	7 88	5 74	---	5 62	---	---	10
11	---	---	---	3 95	4.09	18.9	7 35	5 81	---	5 65	---	---	11
12	---	---	---	3 88	3.97	19 8	7 43	5 69	---	5 68	---	---	12
13	---	---	---	3 76	3 86	19 3	7 90A	5 53	---	5 71	---	---	13
14	---	---	---	3 86	3 93	18 3	---	5 37	---	5 74	---	---	14
15	---	---	---	4 34	4 12	18 9	---	5 34	---	5 78	---	---	15
16	---	---	---	4 84	5 30	19 3	---	5 06	---	5 78	---	---	16
17	---	---	---	4 80	5 48	18 2	---	5 11	---	5 86	---	---	17
18	---	---	---	4 71	5 02	18 9	---	5 14	---	5 88	---	---	18
19	---	---	---	4 62	5 70	14 6	---	---	---	6 05	---	---	19
20	---	---	---	5.20	5 45	13 9	---	---	---	5 87	---	---	20
21	---	---	---	5.17	5 86	14 9	---	---	---	5 85	---	---	21
22	---	---	---	4 98	5 40	15 9	---	---	---	5 86	---	---	22
23	---	---	---	4.81	5 32	15 5	---	---	---	5 85	---	---	23
24	---	---	---	4 90	5 87	15 8	---	---	---	5 89	---	---	24
25	---	---	---	4 34	6 83	15 5	---	---	---	5 90	---	---	25
26	---	---	---	4 47	5 81	14 8	---	---	---	6 01	---	---	26
27	---	---	---	4 10	5 15	14 5	---	---	---	5 77	---	---	27
28	---	---	---	4 05	5 03	14 9	---	---	---	5 65B	---	---	28
29	---	---	---	4 14	5 76	14 5	---	---	---	5 60B	---	---	29
30	---	---	---	4.01	5 84	15 5	---	---	---	5 60B	---	---	30
31	---	---	---		14.2		---	---	---	5 60B	---	---	31
TOTAL	---	---	---	129.40	161 23	462.98	---	---	---	179.32	---	---	TOTAL
MEAN	---	---	---	4 31	5.20	15 1	---	---	---	5 68	---	---	MEAN
MAX	---	---	---	5.20	14.2	20 7	---	---	---	6 05	---	---	MAX
MIN	---	---	---	3 76	3.59	7 87	---	---	---	5 28	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 20.7 ON JUN 8

MAXIMUM INSTANTANEOUS,
21.9 AT 12:40 MST ON JUN 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 40 N
LONG 114 10 00 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	11 200	OCT	15 100
MAY	13 800	NOV	---
JUN	38 100	DEC	---

ELBOW RIVER BELOW GLENMORE DAM - STATION NO. 05BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.168	1.22	1.18	1.14	1.34	1 33	8.27	1 36	1 41	1 66	1 418	1 47	1
2	1.188	1.24	1.23	1.28	1.34	1 32	8.38	1 35	1 42	1 73	1 358	1 488	2
3	1.208	1.23	1.24	1.14	1 32	1 41	8.31	1 42	1 43	1 78	1 388	1 738	3
4	1.208	1.41	1.23	1.09	1 29	1 84	8.07	1 39	1 41	1 84	1 458	1 69	4
5	1.208	1 32	1.32	1.06	1.36	1 74	8.57	1 42	1 42	1 80	1 528	1 63	5
6	1.208	0 974	1.23	1.21	1 30	1 74	8.14	1 38	1 58	1 64	1 49	1 56	6
7	1.218	0 9208	1 23	1.26	1 43	1 82	8 31	1 38	1 46	1 66	1 59	1 59	7
8	1.218	1.18	1.20	0 863	1 38	7 27	8 26	1 43	1 41	1 87	1 57	1 34	8
9	1.238	0.665	1.19	0 850	1 26	18 7	8 14	1 45	1 40	1 77	1 58	1 33	9
10	1 218	0 5868	1.17	0 853	1 26	19 7	8 18	1 37	1 41	2 29	1 59	1.57	10
11	1.208	0.6058	1 18	1.07	1 28	19 8	4 97	1 38	1 49	1 67	1 58	1 588	11
12	1.228	0 6318	1 17	1.41	1 28	17 5	4 89	1 33	1 48	1 60	1 60	1 59	12
13	1.198	0.6268	1.16	1.41	1 24	14 7	5 11	1 34	1 45	1 62	1 60	1 68	13
14	1.188	0 615	1 20	1.49	1 24	13 5	4 83	1 31	1 53	1 62	1 60	1 55	14
15	1.168	0 7068	1 24	1 46	1 31	12 3	4 44	1 34	1 41	1 59	1 58	1 518	15
16	1.118	0.5428	1 21	1 50	1 38	10 8	1 32	1 33	1 46	1 64	1 53	1 538	16
17	1.078	0.5428	1 21	1 47	1 24	10 6	1 23	1 33	1 46	1 67	1 54	1 688	17
18	1 038	0.5248	1 23	1 49	1 27	10 6	1 32	1 34	1 49	1 70	1 54	1 648	18
19	1.028	0.5308	1 22	1 53	1 26	9 66	1 29	1 35	1 44	1 68	1 55	1 658	19
20	1.048	0 543	1 22	1 45	1 28	9 21	1 44	1 37	1 60	1 68	1 64	1 538	20
21	1.078	0 531	1 20	1 47	1 22	4 98	1 48	1 35	1 57	1 67	1 55	1 608	21
22	1 118	0 645	1 16	1 42	1 22	8 89	1 34	1 29	1 49	1 67	1 58	1 388	22
23	1.158	0 516	1.13	1 46	1 28	10 7	1 34	1 38	1 49	1 65	1 60	1 538	23
24	1.208	0.5728	1.12	1 48	1 28	10 8	1 34	1 38	1 48	1 64	1 56	1 658	24
25	1.208	0.5768	1.13	1.52	1 27	10 9	1 32	1 34	1 54	1 67	1 55	1 548	25
26	1 208	0 547	1 14	1 54	1 31	10 6	1 62	1 35	1 49	1 87	1 88	1 508	26
27	1 248	0.547	1 13	1 47	1 32	9 31	1 37	1 32	1 61	1 66	2 13	1 658	27
28	1 398	0.621	1 14	1 49	1 27	8 20	1 42	1 43	1 57	1 64	1 75	1 618	28
29	1.278	1 22	1 14	1 48	1 26	8 07	1 40	1 40	1 58	1 66	1 83	1 478	29
30	1 268		1 14	1 45	1 29	8 32	1 39	1 39	1 59	1 68	1 77	1 458	30
31	1.24		1 14		1 32		1 38	1 42		1 608		1 588	31
TOTAL	36 44	22 587	36 74	39 846	40 11	270 51	111 79	42 50	44 75	52 09	47 78	46.31	TOTAL
MEAN	1 18	0 778	1 18	1 33	1 29	9 02	3 61	1 37	1 49	1 68	1 59	1 56	MEAN
MAX	1 29	1 41	1 24	1 54	1 43	19 7	8 35	1 45	1 69	2 29	2 13	1 73	MAX
MIN	1 03	0 516	1 12	0 850	1 22	1 32	1 23	1 29	1 40	1 59	1 35	1.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 17
MAXIMUM DAILY, 19.7 ON JUN 10
MINIMUM DAILY, 0 516 ON FEB 23
MAXIMUM INSTANTANEOUS, 20.1 AT 17:51 MST ON JUN 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 55 N
LONG 114 05 33 W
DRAINAGE AREA, 1 230 km²

B - ICE CONDITIONS

REGULATED SINCE 1932

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 150	JUL	9 660
FEB	1 950	AUG	3 670
MAR	3 170	SEP	3 870
APR	3 440	OCT	4 500
MAY	3 470	NOV	4 130
JUN	23 400	DEC	4 170

TOTAL DISCHARGE, 66 600 dam³

ELKWATER LAKE - STATION NO 05AH025

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1226 206	1226 186	1226 141	1225 978	1225 834	1225 845	---	---	1
2	---	---	---	---	1226 202	1226 183	1226 136	1225 986	1225 837	1225 847	---	---	2
3	---	---	---	---	1226 204	1226 180	1226 134	1226 007	1225 833	1225 846	---	---	3
4	---	---	---	1226 158	1226 214	1226 178	1226 128	1226 002	1225 825	1225 845	---	---	4
5	---	---	---	---	1226 221	1226 183	1226 123	1225 999	1225 821	1225 844	---	---	5
6	---	---	---	---	1226 223	1226 182	1226 118	1225 997	1225 817	1225 841	---	---	6
7	---	---	---	---	1226 230	1226 183	1226 111	1225 994	1225 837	1225 838	---	---	7
8	---	---	---	---	1226 229	1226 187	1226 105	1225 982	---	1225 833	---	---	8
9	---	---	---	---	1226 234	1226 184	1226 102	1225 974	---	1225 827	---	---	9
10	---	---	---	---	---	1226 185	1226 101	1225 968	---	1225 810	---	---	10
11	---	---	---	---	---	1226 186	1226 095	1225 964	---	1225 788	---	---	11
12	---	---	---	---	---	1226 189	1226 087	1225 960	1225 864	1225 769	---	---	12
13	---	---	---	---	---	1226 183	1226 082	1225 957	---	1225 745	---	---	13
14	---	---	---	---	---	1226 186	1226 076	1225 946	---	1225 728	---	---	14
15	---	1226 062	---	---	---	1226 188	1226 072	1225 933	---	1225 711	---	---	15
16	---	---	---	---	---	1226 186	1226 065	1225 933	---	1225 706	---	---	16
17	---	---	---	---	1226 236	1226 184	1226 057	1225 927	---	1225 697	---	---	17
18	---	---	---	---	1226 236	1226 183	1226 050	1225 921	---	---	---	---	18
19	---	---	---	---	1226 232	1226 178	1226 040	1225 918	---	---	---	---	19
20	---	---	---	---	1226 229	1226 170	1226 035	1225 910	---	---	---	---	20
21	---	---	---	---	1226 222	1226 166	1226 027	1225 903	---	---	---	---	21
22	---	---	---	---	1226 217	1226 162	1226 021	1225 896	---	---	---	---	22
23	---	---	---	---	1226 213	1226 160	1226 012	1226 892	---	---	---	---	23
24	---	---	---	---	1226 216	1226 166	1226 004	1225 891	---	---	---	---	24
25	---	---	---	---	1226 214	1226 163	1226 002	1225 880	---	---	---	---	25
26	---	---	---	1226 208	1226 209	1226 162	1225 994	1225 870	---	---	---	---	26
27	---	---	---	1226 212	1226 210	1226 176	1225 985	1225 861	---	---	---	---	27
28	---	---	---	1226 211	1226 209	1226 168	1225 983	1225 851	---	---	---	---	28
29	---	---	---	1226 210	1226 205	1226 164	1225 981	1225 840	---	---	---	---	29
30	---	---	---	1226 208	1226 186	1226 154	1225 981	1225 834	1225 848	---	---	---	30
31	1226 048		1226 108		1226 195		1225 985	1225 825		1225 765		---	31
MEAN	---	---	---	---	---	1226 181	1226 059	1225 928	---	---	---	---	MEAN
MAX	---	---	---	---	---	1226 190	1226 141	1226 007	---	---	---	---	MAX
MIN	---	---	---	---	---	1226 154	1225 981	1225 825	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 44 N
LONG 110 17 10 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA, 29 0 km²

ELLS RIVER NEAR THE MOUTH - STATION NO 07DA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.208	1.228	1.368	2.088	7.60	15.0	22.6	11.2	11.1	8.28	9.808	4.818	1
2	1.208	1.228	1.368	2.148	7.48	62.0	22.3	10.5	11.3	8.40	9.208	4.778	2
3	1.208	1.248	1.368	2.228	7.35	76.2	21.3	10.0	11.7	8.45	8.408	4.738	3
4	1.208	1.248	1.368	2.348	7.24	75.7	20.3	9.53	11.7	8.51	7.808	4.698	4
5	1.208	1.248	1.368	2.488	7.10	67.7	19.0	9.47	11.8	8.47	7.408	4.658	5
6	1.208	1.248	1.368	2.648	7.01	61.3	17.4	9.67	11.4	8.45	7.208	4.618	6
7	1.208	1.248	1.368	2.888	6.80	60.5	20.0	9.38	11.4	8.42	7.008	4.578	7
8	1.208	1.268	1.368	3.228	6.64	56.5	25.3	9.08	11.4	8.31	6.858	4.538	8
9	1.208	1.268	1.368	3.658	6.63	57.3	28.0	9.49	11.4	8.26	6.708	4.498	9
10	1.208	1.268	1.368	4.188	6.64	57.7	29.7	10.0	11.3	8.22	6.558	4.458	10
11	1.208	1.268	1.368	5.008	6.65	57.1	27.3	9.76	11.3	8.15	6.408	4.438	11
12	1.208	1.268	1.368	6.408	6.85	55.2	24.4	9.25	11.3	8.42	6.288	4.418	12
13	1.208	1.268	1.368	8.008	6.61	54.1	23.4	10.9	11.3	8.82	6.168	4.388	13
14	1.208	1.268	1.368	10.88	6.56	51.6	23.4	12.4	11.2	8.97	6.048	4.348	14
15	1.208	1.268	1.368	11.38	6.63	48.4	26.8	11.7	11.0	9.12	5.988	4.268	15
16	1.208	1.268	1.368	11.08	6.66	44.5	29.7	11.8	11.0	9.28	5.858	4.178	16
17	1.208	1.268	1.368	9.92	6.67	43.4	28.5	11.4	10.7	9.70	5.758	4.078	17
18	1.208	1.268	1.368	9.90	6.68	42.3	26.3	10.9	10.6	10.9	5.858	3.988	18
19	1.208	1.288	1.368	8.40	6.69	40.1	23.7	10.9	10.5	12.4	5.578	3.848	19
20	1.208	1.308	1.368	8.95	6.76	37.6	22.1	10.9	10.3	12.4	5.508	3.708	20
21	1.208	1.328	1.368	8.77	7.84	38.8	20.6	10.9	10.2	12.1	5.438	3.548	21
22	1.208	1.348	1.368	8.60	8.48	40.6	19.7	10.9	9.54	12.0	5.368	3.368	22
23	1.208	1.368	1.408	8.59	11.0	39.7	20.0	11.1	9.08	11.9	5.298	3.108	23
24	1.208	1.368	1.448	8.53	10.9	35.9	18.6	11.2	8.88	10.3	5.228	2.788	24
25	1.208	1.368	1.488	8.42	10.3	31.6	17.5	11.2	8.70	9.86	5.158	2.608	25
26	1.208	1.368	1.528	8.36	9.27	29.0	16.5	11.2	8.64	7.008	5.098	2.378	26
27	1.208	1.368	1.588	8.20	8.83	26.3	15.6	11.2	8.52	5.268	5.038	2.238	27
28	1.208	1.368	1.658	7.98	7.78	24.1	14.6	11.2	8.43	5.118	4.978	2.128	28
29	1.208	1.388	1.748	7.87	7.73	22.8	13.8	11.4	8.37	5.298	4.918	2.038	29
30	1.208		1.858	7.65	7.48	22.1	13.5	11.4	8.34	7.008	4.858	1.958	30
31	1.228		1.988		7.84		12.2	11.3		10.08		1.828	31
TOTAL	37.22	37.28	44.58	200.27	235.13	1 385.6	656.7	330.77	312.08	277.76	187.38	115.78	TOTAL
MEAN	1.20	1.28	1.44	6.66	7.58	45.5	21.4	10.7	10.4	8.96	6.25	3.73	MEAN
MAX	1.22	1.36	1.98	11.3	11.0	76.2	29.7	12.4	11.7	12.4	9.80	4.81	MAX
MIN	1.20	1.22	1.36	2.08	6.58	16.0	12.2	9.07	8.34	5.11	4.85	1.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 76.2 ON JUN 3
MINIMUM DAILY, 1.208 ON JAN 1
MAXIMUM INSTANTANEOUS,
77.1 AT 19:39 MST ON JUN 3

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 16 04 N
LONG 111 42 51 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 220	JUL	57 400
FEB	3 220	AUG	28 600
MAR	3 550	SEP	27 000
APR	17 300	OCT	24 000
MAY	20 300	NOV	16 200
JUN	118 000	DEC	10 000

TOTAL DISCHARGE, 329 000 dam³

EMBARRAS RIVER AT ROBB - STATION NO 07AF909

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.663A	0.862	0.661	0.318	0.383	1.18	---	---	1
2	---	---	---	---	0.877	0.783	0.628	0.369	0.333	1.50	---	---	2
3	---	---	---	---	0.742	0.780	0.612	0.361	0.333	2.07	---	---	3
4	---	---	---	---	0.755	0.740	0.602	0.437	0.333	2.71	---	---	4
5	---	---	---	---	0.777	1.01	0.591	0.398	0.332	2.67	---	---	5
6	---	---	---	---	0.845	2.02	0.615	0.395	1.93	2.07	---	---	6
7	---	---	---	---	0.974	1.84	0.615	0.368	2.84	1.81	---	---	7
8	---	---	---	---	1.02	3.83	0.578	0.324	1.24	1.77	---	---	8
9	---	---	---	---	1.07	3.18	0.566	0.294	1.11	1.58	---	---	9
10	---	---	---	---	1.02	2.34	0.545	0.277	1.15	1.33	---	---	10
11	---	---	---	---	0.954	1.87	0.505	0.274	1.18	1.18	---	---	11
12	---	---	---	---	0.936	1.78	0.504	0.275	1.25	1.08	---	---	12
13	---	---	---	---	1.01	2.18	0.592	0.280	1.08	0.991	---	---	13
14	---	---	---	---	0.998	1.83	0.560	0.338	0.954	0.939	---	---	14
15	---	---	---	---	1.08	1.89	0.498	0.359	0.838	0.881	---	---	15
16	---	---	---	---	3.04	1.87	0.484	0.339	0.728	0.818	---	---	16
17	---	---	---	---	3.98	1.89	0.441	0.318	0.834	0.787B	---	---	17
18	---	---	---	---	2.84	1.72	0.433	0.297	0.718	0.782B	---	---	18
19	---	---	---	---	2.17	1.73	0.412	0.281	0.787A	0.750B	---	---	19
20	---	---	---	---	1.76	1.68	0.448	0.254	1.26 E	0.701B	---	---	20
21	---	---	---	---	1.46	1.43	0.478	0.238	3.36 E	0.671B	---	---	21
22	---	---	---	---	1.22	1.34	0.527	0.245	3.56 E	0.768B	---	---	22
23	---	---	---	---	1.19	1.22	0.437	0.254	1.46 E	0.858B	---	---	23
24	---	---	---	---	1.19	1.06	0.380	0.260	1.13	0.850B	---	---	24
25	---	---	---	---	1.05	1.01	0.343	0.256	1.01	0.850B	---	---	25
26	---	---	---	0.543B	1.02	0.811	0.340	0.261	0.922	0.740B	---	---	26
27	---	---	---	---	1.05	0.849	0.341	0.281	0.897	0.700B	---	---	27
28	---	---	---	---	0.91	0.785	0.330	0.358	0.894	0.660B	---	---	28
29	---	---	---	---	0.938	0.732	0.375	0.334	0.926	0.640B	---	---	29
30	---	---	---	---	0.878	0.714	0.433	0.327	1.03	0.620B	---	---	30
31	---		---		0.926		0.360	0.345		0.590B		---	31
TOTAL	---	---	---	---	39.226	45.956	19.211	9.715	34.377	35.506	---	---	TOTAL
MEAN	---	---	---	---	1.27	1.53	0.481	0.313	1.15	1.15	---	---	MEAN
MAX	---	---	---	---	3.98	3.83	0.661	0.437	3.56	2.71	---	---	MAX
MIN	---	---	---	---	0.663	0.714	0.330	0.238	0.332	0.590	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.976
MAXIMUM DAILY, 3.98 ON MAY 17
MINIMUM DAILY, 0.238 ON AUG 21
MAXIMUM INSTANTANEOUS,
5.68 AT 21:48 MST ON MAY 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 19 N
LONG 117 58 04 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 310
FEB	---	AUG	838
MAR	---	SEP	2 970
APR	---	OCT	3 070
MAY	3 390	NOV	---
JUN	3 970	DEC	---

TOTAL DISCHARGE, 15 500 dam³

EMBARRAS RIVER NEAR WEALD - STATION NO 07AF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
								0 888	0 781	6 42	2 378	---	1
1	---	---	---	---	---	---	---	1 09	0 784	6 99	---	---	2
2	---	---	---	---	---	---	---	1 34	0 774	8 17	---	---	3
3	---	---	---	---	---	---	---	1 18	0 765	9 17	---	---	4
4	---	---	---	---	---	---	---	1 15	0 740	9 33	---	---	5
5	---	---	---	---	---	---	---						
							1 81 A	1 41	1 67	8 03	---	---	6
6	---	---	---	---	---	---	2 04 A	1 18	9 36	7 00	---	---	7
7	---	---	---	---	---	---	1 82	1 14	5 87	8 41	---	---	8
8	---	---	---	---	---	---	1 85	1 03	5 45	5 84	---	---	9
9	---	---	---	---	---	---	1 84	0 981	7 28	5 29	---	---	10
10	---	---	---	---	---	---							
							1 44	1 13	8 41	6 90	---	---	11
11	---	---	---	---	---	---	1 51	1 02	10 7	4 83	---	---	12
12	---	---	---	---	---	---	1 88	1 00	9 54	4 38	---	---	13
13	---	---	---	---	---	---	1 90	0 977	7 98	4 11	---	---	14
14	---	---	---	---	---	---	1 83	1 10	6 53	3 88	---	---	15
15	---	---	---	---	---	---							
							1 60	1 10	5 33	3 72	---	---	16
16	---	---	---	---	---	---	1 28	0 893	4 51	3 67	---	---	17
17	---	---	---	---	---	---	1 18	0 908	4 43	3 38	---	---	18
18	---	---	---	---	---	---	1 13	0 867	4 77	3 83	---	---	19
19	---	---	---	---	---	---	1 16	0 843	5 16	4 20	---	---	20
20	---	---	---	---	---	---							
							1 31	0 834	14 4	4 29	---	---	21
21	---	---	---	---	---	---	1 36	0 804	19 5	3 82	---	---	22
22	---	---	---	---	---	---	1 33	0 774	16 5	4 02	---	---	23
23	---	---	---	---	---	---	1 17	0 764	13 1	3 73	---	---	24
24	---	---	---	---	---	---	1 05	0 787	10 7	3 76	---	---	25
25	---	---	---	---	---	---							
							0 975	0 777	8 78	3 688	---	---	26
26	---	---	---	---	---	---	0 936	0 783	7 36	3 488	---	---	27
27	---	---	---	---	---	---	0 915	0 856	6 51	3 408	---	---	28
28	---	---	---	---	---	---	0 924	0 941	6 16	3 388	---	---	29
29	---	---	---	---	---	---	1 05	0 873	6 13	3 408	---	---	30
30	---		---	---	---	---	1 20	0 782		3 388		---	31
31	---		---		---								
TOTAL	---	---	---	---	---	---	---	30 432	209 784	146 73	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	0 982	6 99	4 80	---	---	MEAN
MAX	---	---	---	---	---	---	---	1 61	19 5	9 33	---	---	MAX
MIN	---	---	---	---	---	---	---	0 754	0 740	2 36	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 19 5 ON SEP 22

MAXIMUM INSTANTANEOUS,
20 1 AT 06 50 MST ON SEP 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 31 N
LONG 116 48 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	2 630
MAR	---	SEP	16 100
APR	---	OCT	12 900
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - THIS STATION STARTED OPERATING ON JUL 07 1984

ERITH RIVER BELOW HANLAN CREEK - STATION NO 07AF907

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
					3 00E	2 83	1 88	0 782E	0 673	5 37	---	---	1
1	---	---	---	---	3 12A	2 60	1 53	0 789A	0 633	6 59	---	---	2
2	---	---	---	---	3 52	2 43	1 38	0 788E	0 648	8 48	---	---	3
3	---	---	---	---	3 58	2 43	1 30	0 748E	0 640	9 49	---	---	4
4	---	---	---	---	3 32	2 61	1 17	0 726E	0 650	9 08	---	---	5
5	---	---	---	---									
					3 34	4 85	1 07	0 707E	1 90	7 22	---	---	6
6	---	---	---	---	3 40	5 68	1 10	0 687E	14 8	5 87	---	---	7
7	---	---	---	---	3 26	8 74	1 11	0 656E	7 82	5 04	---	---	8
8	---	---	---	---	3 32	11 9	1 09 A	0 645E	5 90	4 56	---	---	9
9	---	---	---	---	3 53	8 77	1 09 E	0 626A	5 87	4 07	---	---	10
10	---	---	---	---									
					3 24	6 81	1 04 A	0 653	5 53	3 63	---	---	11
11	---	---	---	---	3 07	5 74	0 988	0 656	6 14	3 30	---	---	12
12	---	---	---	---	3 06	6 12	0 880	0 684	6 78	3 06	---	---	13
13	---	---	---	---	3 08	5 67	1 05	0 691	5 31	2 83	---	---	14
14	---	---	---	---	3 29	4 88	1 00	0 707	5 32	2 82	---	---	15
15	---	---	---	---									
					6 13	4 66	0 859	0 845	4 31	2 42	---	---	16
16	---	---	---	---	30 0 A	4 40	0 800	1 00	3 69	2 50	---	---	17
17	---	---	---	---	16 2	4 10	0 758	0 851	3 12	2 36	---	---	18
18	---	---	---	---	12 2	4 09	0 741	0 784	3 03	2 52	---	---	19
19	---	---	---	---	9 61	4 30	0 748	0 729	3 21	2 988	---	---	20
20	---	---	---	---									
					7 83	3 80	0 782	0 895	10 2	2 968	---	---	21
21	---	---	---	---	6 23	3 56	0 788	0 854	15 8	2 638	---	---	22
22	---	---	---	---	5 30	3 45	0 788	0 835	12 4	2 488	---	---	23
23	---	---	---	---	5 00	3 08	0 775	0 849	9 63	2 288	---	---	24
24	---	---	---	3 628	4 37	2 68	0 782	0 890	8 12	2 118	---	---	25
25	---	---	---	---									
					3 93	2 33	0 739A	0 882	5 65	1 988	---	---	26
26	---	---	---	---	4 11	2 10	0 746E	0 861	5 39	1 888	---	---	27
27	---	---	---	---	4 05	1 88	0 763E	0 873	4 76	1 788	---	---	28
28	---	---	---	---	3 52	1 85	0 760E	0 872	4 65	1 688	---	---	29
29	---	---	---	---	3 21	1 79	0 788E	0 885	4 71	1 638	---	---	30
30	---		---	---	3 19		0 776E	0 893		1 608		---	31
31	---		---										
TOTAL	---	---	---	---	177 93	130 49	28 833	22 106	168 842	117 21	---	---	TOTAL
MEAN	---	---	---	---	5 74	4 35	0 962	0 713	5 62	3 78	---	---	MEAN
MAX	---	---	---	---	30 0	11 9	1 65	1 00	15 8	9 48	---	---	MAX
MIN	---	---	---	---	3 00	1 79	0 739	0 625	0 633	1 60	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 61
MAXIMUM DAILY, 30 0A ON MAY 17
MINIMUM DAILY, 0 626A ON AUG 16
MAXIMUM INSTANTANEOUS,
35 62 AT 03 30 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 08 N
LONG 116 33 55 W

DRAINAGE AREA, 880 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 550
FEB	---	AUG	1 910
MAR	---	SEP	14 600
APR	---	OCT	10 100
MAY	15 400	NOV	---
JUN	11 300	DEC	---

TOTAL DISCHARGE, 55 900 dam³

ETHEL LAKE NEAR COLD LAKE - STATION NO. 06AC004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	540.652E	540.652	540.686	540.962	541.110	541.043	541.023	541.019	---	---	1
2	---	---	540.652E	540.653	540.684	540.956	541.103	541.037	541.023	541.019	---	---	2
3	---	---	540.652E	540.658	540.684	540.958	541.099	541.038	541.022	541.018	---	---	3
4	---	---	540.652E	540.665	540.684	540.976	541.095	541.036	541.021	541.018	---	---	4
5	---	---	540.652E	540.658	540.680	540.981	541.095	541.034	541.018	541.018	---	---	5
6	---	---	540.652E	540.680	540.676	540.986	541.105	541.031	541.015	541.015	---	---	6
7	---	---	540.652E	540.685	540.676	540.988	541.107	541.026	541.030	541.015	541.024A	---	7
8	---	---	540.652E	540.687	540.676	541.018	541.106	541.018	541.035	541.017	---	---	8
9	---	---	540.652E	540.688	540.672	541.038	541.106	541.012	541.035	541.017	---	---	9
10	---	---	540.652E	540.671	540.672	541.051	541.108	541.010	541.034	541.016	---	---	10
11	---	---	540.652E	540.676	540.668	541.065	541.101	541.004	541.033	541.015	---	---	11
12	---	---	540.652E	540.685	540.668	541.081	541.098	540.997	541.046	541.014	---	---	12
13	---	---	540.652E	540.692	540.668	541.088	541.098	540.993	541.046	541.010	---	---	13
14	---	---	540.652A	540.692	540.668	541.093	541.102	540.986	541.044	541.010	---	---	14
15	---	---	540.653	540.692	540.668	541.096	541.087	540.986	541.042	541.007	---	---	15
16	---	---	540.652	540.694	540.686	541.096	541.092	540.997	541.043	541.003	---	---	16
17	---	---	540.651	540.694	540.683	541.103	541.088	541.005	541.040	541.018	---	---	17
18	---	---	540.651	540.695	540.716	541.104	541.081	541.020	541.037	541.022	---	---	18
19	---	---	540.652	540.699	540.721	541.105	541.080	541.024	541.035	541.023	---	---	19
20	---	---	540.652	540.700	540.736	541.116	541.078	541.029	541.036	541.025	---	---	20
21	---	---	540.649	540.700	540.755	541.116	541.078	541.038	541.032	541.024	---	---	21
22	---	---	540.652	540.703	540.779	541.120	541.073	541.044	541.034	541.021	---	---	22
23	---	---	540.652	540.701	540.786	541.120	541.068	541.049	541.031	541.021	---	---	23
24	---	---	540.652	540.698	540.821	541.121	541.061	541.048	541.028	541.020	---	---	24
25	---	---	540.653	540.695	540.840	541.118	541.061	541.058	541.029	541.022	---	---	25
26	---	---	540.652	540.693	540.855	541.116	541.058	541.067	541.026	541.019	---	---	26
27	---	---	540.652	540.692	540.870	541.122	541.061	541.061	541.026	541.018	---	---	27
28	---	---	540.651	540.691	540.888	541.124	541.057	541.047	541.026	541.018A	---	---	28
29	---	---	540.653	540.689	540.903	541.123	541.052	541.032	541.022	541.018A	---	---	29
30	---		540.651	540.688	540.912	541.116	541.050	541.027	541.022	541.016E	---	---	30
31	---		540.652		540.923		541.045	541.024		541.017E		---	31
MEAN	---	---	540.652	540.683	540.742	541.068	541.084	541.027	541.031	541.017	---	---	MEAN
MAX	---	---	540.653	540.703	540.923	541.124	541.110	541.067	541.046	541.025	---	---	MAX
MIN	---	---	540.649	540.652	540.668	540.962	541.045	540.986	541.015	541.003	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 541.124 ON JUN 25

MAXIMUM INSTANTANEOUS,
541.127 AT 23 29 MST ON JUN 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 40 N
LONG 110 20 06 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
594 km²

ETZIKOM COULEE NEAR NEMISKAM - STATION NO. 05AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.200E	0.017	0	0	0	0	0	---	---	1
2	---	---	---	0.200E	0.015	0	0	0	0	0	---	---	2
3	---	---	---	0.198A	0.023	0	0	0	0	0	---	---	3
4	---	---	---	0.172	0.047	0	0	0	0	0	---	---	4
5	---	---	---	0.168	0.042	0	0	0	0	0	---	---	5
6	---	---	---	0.152	0.035	0	0	0	0	0	---	---	6
7	---	---	---	0.207	0.031	0	0	0	0	0	---	---	7
8	---	---	---	0.171	0.025	0	0	0	0	0	---	---	8
9	---	---	---	0.144	0.038	0	0	0	0	0	---	---	9
10	---	---	---	0.156	0.065	0	0	0	0	0	---	---	10
11	---	---	---	0.150	0.048	0	0	0	0	0	---	---	11
12	---	---	---	0.115	0.033	0	0	0	0	0	---	---	12
13	---	---	---	0.095	0.031	0	0	0	0	0	---	---	13
14	---	---	---	0.083	0.024	0	0	0	0	0	---	---	14
15	---	---	---	0.081	0.021	0	0	0	0	0	---	---	15
16	---	---	---	0.041	0.020	0	0	0	0	0	---	---	16
17	---	---	---	0.034	0.025	0	0	0	0	0	---	---	17
18	---	---	---	0.034	0.044	0	0	0	0	0	---	---	18
19	---	---	---	0.040	0.070	0	0	0	0	0	---	---	19
20	---	---	---	0.043	0.024	0	0	0	0	0	---	---	20
21	---	---	---	0.072	0.032	0	0	0	0	0	---	---	21
22	---	---	---	0.124	0.024	0	0	0	0	0	---	---	22
23	---	---	---	0.078	0.018	0	0	0	0	0	---	---	23
24	---	---	---	0.062	0.015	0	0	0	0	0	---	---	24
25	---	---	---	0.035	0.017	0	0	0	0	0	---	---	25
26	---	---	---	0.027	0.015	0	0	0	0	0	---	---	26
27	---	---	---	0.021	0.015	0	0	0	0	0	---	---	27
28	---	---	---	0.020	0.013	0	0	0	0	0	---	---	28
29	---	---	---	0.018	0.013	0	0	0	0	0	---	---	29
30	---	---	---	0.017	0.013	0	0	0	0	0	---	---	30
31	---	---	---		0.011		0	0		0		---	31
TOTAL	---	---	---	2.927	0.844	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.088	0.027	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	0.207	0.065	0	0	0	0	0	---	---	MAX
MIN	---	---	---	0.017	0.011	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.207 ON APR 7
MINIMUM DAILY, 0 ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 40 N
LONG 111 16 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	253	OCT	0
MAY	73.9	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 326 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1983 ARE ALSO AVAILABLE

EUNICE CREEK NEAR HINTON - STATION NO. 07AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0368	0.0748	0.090	0.116	0.081	0.037	0.078	---	---	1
2	---	0.0298	---	0.0368	0.0898	0.083	0.107	0.083	0.034	0.094	---	---	2
3	---	---	---	0.0368	0.1098	0.082	0.102	0.043	0.033	0.136	---	---	3
4	---	---	---	0.0368	0.108	0.085	0.100	0.041	0.032	0.211	---	---	4
5	---	---	---	0.0358	0.092	0.124	0.087	0.057	0.031	0.281	---	---	5
6	---	---	---	0.0328	0.112	0.188	0.084	0.088	0.098	0.287	---	---	6
7	---	---	---	0.0288	0.128	0.385	0.092	0.084	0.117	0.285	---	---	7
8	---	---	---	0.0288	0.141	0.738	0.087	0.084	0.072	0.362	---	---	8
9	---	---	---	0.0288	0.152	0.626	0.083	0.084	0.078	0.265	---	---	9
10	---	---	---	0.0298	0.168	0.472	0.080	0.083	0.100	0.211	---	---	10
11	---	---	---	0.0298	0.127	0.377	0.076	0.082	0.080	0.180	---	---	11
12	---	---	---	0.0288	0.136	0.341	0.080	0.081	0.083	0.181	---	---	12
13	---	---	---	0.0288	0.137	0.315	0.080	0.081	0.082	0.189	---	---	13
14	---	---	---	0.0288	0.145	0.276	0.078	0.057	0.075	0.158	---	---	14
15	---	---	0.0535	0.0498	0.159	0.388	0.071	0.084	0.065	0.147	---	---	15
16	---	---	---	0.1088	0.388	0.275	0.088	0.081	0.080	0.130	---	---	16
17	---	---	---	0.1158	0.370	0.260	0.086	0.048	0.067	0.1838	---	---	17
18	---	---	---	0.1368	0.241	0.244	0.083	0.081	0.062	0.2068	---	---	18
19	---	---	---	0.1358	0.215	0.230	0.085	0.048	0.085	0.1818	---	---	19
20	---	---	---	0.1638	0.194	0.210	0.087	0.068	0.084	0.1138	---	---	20
21	---	---	---	0.1848	0.184	0.188	0.085	0.048	0.080	0.0838	---	---	21
22	---	---	---	0.1868	0.143	0.218	0.085	0.045	0.075	0.0788	---	---	22
23	---	---	---	0.1338	0.138	0.188	0.082	0.048	0.071	0.0858	---	---	23
24	---	---	---	0.1188	0.128	0.188	0.081	0.044	0.068	0.110	---	---	24
25	---	---	---	0.1108	0.112	0.157	0.089	0.042	0.066	0.108	---	---	25
26	---	---	---	0.0818	0.101	0.148	0.088	0.039	0.0808	0.0888	---	---	26
27	---	---	---	0.1068	0.094	0.139	0.087	0.047	0.0868	0.0808	---	---	27
28	---	---	0.0478	0.0778	0.087	0.131	0.085	0.045	0.075	0.0868	---	---	28
29	---	---	0.0468	0.0728	0.084	0.132	0.085	0.040	0.074	0.0678	---	---	29
30	---	---	0.0428	0.0768	0.083	0.137	0.088	0.038	0.068	0.0708	---	---	30
31	---	---	0.0408		0.088		0.084	0.038		0.0788		---	31
TOTAL	---	---	---	2.275	4.457	7.183	2.339	1.540	2.077	4.758	---	---	TOTAL
MEAN	---	---	---	0.076	0.144	0.239	0.075	0.050	0.069	0.153	---	---	MEAN
MAX	---	---	---	0.184	0.370	0.738	0.116	0.083	0.117	0.362	---	---	MAX
MIN	---	---	---	0.026	0.076	0.082	0.084	0.038	0.031	0.058	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 0.738 ON JUN 8
MINIMUM DAILY, 0.0268 ON APR 14
MAXIMUM INSTANTANEOUS,
0.881 AT 20:10 MST ON JUN 8

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 10 N
LONG 117 13 55 W
DRAINAGE AREA, 17.1 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	201
FEB	---	AUG	135
MAR	---	SEP	178
APR	187	OCT	411
MAY	385	NOV	---
JUN	619	DEC	---

TOTAL DISCHARGE, 2 130 dam³

EUREKA RIVER NEAR WORSLEY - STATION NO. 07FD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4.56 B	0.120	3.67	1.48	0.001	0.003	0.003	0.0288	---	1
2	---	---	0 B	5.63 B	0.110	3.08	3.35	0	0.002	0.003	---	---	2
3	---	---	0 B	6.58 B	0.203	2.47	3.37	0	0.002	0.003	---	---	3
4	---	---	0 B	6.84 B	0.014	1.88	2.98	0	0.002	0.005	---	---	4
5	---	---	0 B	5.22	0.015	1.43	2.39	0	0.002	0.009	---	---	5
6	---	---	0 B	4.04	0.009	1.61	1.85	0	0.004	0.006	---	---	6
7	---	---	0 B	3.00 A	0.034	2.42	1.82	0	0.003	0.006	---	---	7
8	---	---	0 B	2.57 A	0.139	3.19	3.16	0	0.003	0.008	---	---	8
9	---	---	0 B	2.16	0.083	3.81	3.81	0	0.003	0.139	---	---	9
10	---	---	0 B	1.52	0.027	3.58	3.27	0	0.002	0.423	---	---	10
11	---	---	0 B	1.18	0.072	2.93	2.42	0	0.001	0.423	---	---	11
12	---	---	0 B	0.918	0.018	2.43	1.72	0	0.001	0.442	---	---	12
13	---	---	0 B	1.09	0.018	1.93	1.16	0	0.002	0.416	---	---	13
14	---	---	0 B	1.44	0.089	1.47	0.758	0	0.002	0.334	---	---	14
15	---	---	0 B	1.38	0.108	1.02	0.506	0	0.002	0.258	---	---	15
16	---	---	0 B	1.18	1.24	0.887	0.467	0	0.002	0.241	---	---	16
17	---	---	0 B	1.18	2.91	0.440	0.881	0	0.001	0.520	---	---	17
18	---	---	0 B	1.01	5.34	0.170	0.578	0	0.001	0.8178	---	---	18
19	---	---	0 B	0.756	5.58	0.263	0.394	0	0	0.6248	---	---	19
20	---	---	0 B	1.17	4.14	0.158	0.163	0	0	0.5958	---	---	20
21	---	---	0 B	0.822	20.4	0.144	0.041	0	0	0.6818	---	---	21
22	---	---	0 B	0.583	23.4	0.233	0.018	0	0.001	0.8818	---	---	22
23	---	---	0 B	0.354	20.4	0.185	0.100	0	0.001	0.691	---	---	23
24	---	---	0.0108	0.261	41.2 A	0.154	0.199	0	0.002	0.684	---	---	24
25	---	---	0.1508	0.181	31.3	0.144	0.239	0	0.002	0.784	---	---	25
26	---	---	0.2508	0.122	21.7	0.072	0.313	0	0.002	0.7588	---	---	26
27	---	---	0.3008	0.126	16.1	0.044	0.238	0	0.001	0.3058	---	---	27
28	---	---	0.4508	0.126	11.9	0.024	0.106	0	0.001	0.1908	---	---	28
29	---	---	1.15 B	0.125	8.27	0.016	0.083	0	0.002	0.0858	---	---	29
30	---	---	1.44 B	0.122	6.86	0.283	0.018	0	0.003	0.0508	---	---	30
31	---	---	2.40 B		5.11		0.008	0.001		0.0458		---	31
TOTAL	---	---	6.150	56.388	240.851	40.119	37.712	0.002	0.052	10.128	---	---	TOTAL
MEAN	---	---	0.198	1.88	7.77	1.34	1.22	0	0.002	0.327	---	---	MEAN
MAX	---	---	2.40	6.84	41.2	3.67	3.81	0.001	0.004	0.784	---	---	MAX
MIN	---	---	0	0.122	0.009	0.016	0.005	0	0	0.003	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 41.2A ON MAY 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
43.7 AT 09:00 MST ON MAY 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 00 N
LONG 118 07 10 W
DRAINAGE AREA, 754 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 280
FEB	---	AUG	0.17
MAR	531	SEP	4 48
APR	6 870	OCT	675
MAY	20 800	NOV	---
JUN	3 470	DEC	---

TOTAL DISCHARGE, 33 800 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

EXPANSE COULEE NEAR THE MOUTH - STATION NO. 05AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.140	1.55	1.55	2.07	1.84	0.582	---	---	1
2	---	---	---	---	0.131	1.43	1.52	1.96	1.81	0.548	---	---	2
3	---	---	---	---	0.120	1.46	1.43	1.93	1.32	0.541	---	---	3
4	---	---	---	---	0.108	1.48	1.38	1.88	1.23	0.521	---	---	4
5	---	---	---	---	0.112	1.59	1.47	1.96	1.14	0.498	---	---	5
6	---	---	---	---	0.115	1.70	1.35	2.06	1.02	0.523	---	---	6
7	---	---	---	---	0.126	1.80	1.41	2.09	1.13	0.509	---	---	7
8	---	---	---	---	0.128	1.91	1.65	2.13	1.09	0.457	---	---	8
9	---	---	---	---	0.143	2.04	1.87	2.15	0.716	0.385	---	---	9
10	---	---	---	---	0.148	2.03	1.82	2.13	0.535	0.260	---	---	10
11	---	---	---	---	0.143	2.02	1.51	2.11	0.565	0.221	---	---	11
12	---	---	---	---	0.152	1.88	1.56	2.14	0.523	0.181	---	---	12
13	---	---	---	---	0.188	1.82	1.68	2.18	0.455	0.166	---	---	13
14	---	---	---	---	0.220	1.77	1.68	2.07	0.438	0.185	---	---	14
15	---	---	---	---	0.215	1.76	1.63	1.94	0.448	0.172	---	---	15
16	---	---	---	---	0.323	1.73	1.95	1.90	0.453	0.169	---	---	16
17	---	---	---	---	0.429	1.75	1.89	1.88	0.441	0.1558	---	---	17
18	---	---	---	0.198A	0.527	1.78	1.85	1.84	0.438	0.1488	---	---	18
19	---	---	---	0.211	0.677	1.76	1.88	1.87	0.384	0.1408	---	---	19
20	---	---	---	0.208	0.840	1.73	1.87	1.98	0.432	0.1398	---	---	20
21	---	---	---	0.188	0.789	1.84	1.83	1.90	0.513	0.1408	---	---	21
22	---	---	---	0.162	0.783	2.25	1.87	1.91	0.506	0.1458	---	---	22
23	---	---	---	0.151	0.944	2.41	1.87	1.89	0.422	0.1508	---	---	23
24	---	---	---	0.194	1.13	2.21	1.86	1.76	0.415	0.1598	---	---	24
25	---	---	---	0.159	1.13	2.00	1.72	1.88	0.383	0.1258	---	---	25
26	---	---	---	0.183	1.14	1.74	1.88	1.80	0.339	0.1008	---	---	26
27	---	---	---	0.157	1.28	1.75	1.73	1.80	0.327	0.0828	---	---	27
28	---	---	---	0.181	1.80	1.88	1.82	1.58	0.345	0.0808	---	---	28
29	---	---	---	0.152	1.48	1.82	1.88	1.53	0.415	0.0808	---	---	29
30	---		---	0.143	1.58	1.70	2.14	1.51	0.524	0.0798	---	---	30
31	---		---		1.67		2.22	1.54		0.0798		---	31
TOTAL	---	---	---	---	18.210	54.15	51.72	58.89	20.082	7.646	---	---	TOTAL
MEAN	---	---	---	---	0.587	1.81	1.67	1.90	0.670	0.247	---	---	MEAN
MAX	---	---	---	---	1.80	2.41	2.22	2.15	1.84	0.552	---	---	MAX
MIN	---	---	---	---	0.108	1.43	1.35	1.51	0.327	0.079	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.15
MAXIMUM DAILY, 2.41 ON JUN 23
MINIMUM DAILY, 0.0798 ON OCT 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 18 N
LONG 112 05 00 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 470
FEB	---	AUG	5 090
MAR	---	SEP	1 740
APR	---	OCT	861
MAY	1 570	NOV	---
JUN	4 680	DEC	---

TOTAL DISCHARGE, 18 200 dam³

FALLENTIMBER CREEK NEAR SUNDRE - STATION NO 05CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.27	1.23	0.533	0.314	0.732E	---	---	1
2	---	---	---	---	---	1.07	1.12	0.487	0.310	0.757E	---	---	2
3	---	---	---	---	---	0.845	1.03	0.481	0.303	0.782E	---	---	3
4	---	---	---	---	---	0.855	0.987	0.591	0.286	0.807E	---	---	4
5	---	---	---	---	---	1.02	0.978	0.583	0.285	0.832E	---	---	5
6	---	---	---	---	---	1.37	0.922	0.543	0.473	0.857E	---	---	6
7	---	---	---	---	---	2.14	0.883	0.577	1.09	0.882E	---	---	7
8	---	---	---	---	---	5.01	0.834	0.501	0.736	0.687	---	---	8
9	---	---	---	---	---	15.0	0.815	0.472	0.562	0.864	---	---	9
10	---	---	---	1.008	0.747A	13.6	0.774	0.452	0.513	0.830	---	---	10
11	---	---	---	---	---	9.01	0.758	0.419	0.464	0.845	---	---	11
12	---	---	---	---	---	6.26	0.726	0.389	0.420	0.875	---	---	12
13	---	---	---	---	---	4.78	0.695	0.373	0.484	0.860	---	---	13
14	---	---	---	---	---	3.62	0.689	0.383	0.518	0.854	---	---	14
15	---	---	---	---	0.815A	3.27	0.858	0.371	0.472	0.842	---	---	15
16	---	---	---	1.03A	0.872	3.34	0.844	0.383	0.452	0.844	---	---	16
17	---	---	---	---	---	1.82	3.22	0.809	0.348	0.439	0.886	---	17
18	---	---	---	---	---	1.80	2.60	0.575	0.334	0.457	1.33 B	---	18
19	---	---	---	---	---	1.43	2.50	0.589	0.330	0.453	1.28 B	---	19
20	---	---	---	---	---	1.18	2.32	0.645	0.344	0.492	1.18 B	---	20
21	---	---	---	---	---	1.04	2.18	0.853	0.329	0.780	1.08 B	---	21
22	---	---	---	0.870B	---	0.914	2.11	0.998	0.325	0.871	0.9968	---	22
23	---	---	---	---	---	0.800	2.12	0.831	0.310	0.885	0.9198	---	23
24	---	---	---	---	---	0.744	1.88	0.730	0.327	0.789	0.8388	---	24
25	---	---	---	1.02A	---	0.749	1.78	0.817	0.312	0.726	0.8408	---	25
26	---	---	---	---	---	0.740	1.65	0.808	0.285	0.891	0.8288	---	26
27	---	---	---	---	---	1.18	1.48	0.814	0.290	0.867	0.8108	---	27
28	---	---	---	---	---	1.15	1.39	0.820	0.285	0.890	0.7958	---	28
29	---	---	---	---	---	1.07	1.34	0.828	0.288	0.804E	0.7808	---	29
30	---		---	---	---	0.950	1.28	0.818	0.284	0.707E	0.7658	---	30
31	---		---			1.08		0.575	0.298		0.7508		31
TOTAL	---	---	---	---	---	101.800	53.826	12.217	17.077	27.437	---	---	TOTAL
MEAN	---	---	---	---	---	3.40	0.772	0.394	0.589	0.885	---	---	MEAN
MAX	---	---	---	---	---	15.0	1.23	0.581	1.09	1.33	---	---	MAX
MIN	---	---	---	---	---	0.655	0.575	0.285	0.285	0.732	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.0 ON JUN 9

MAXIMUM INSTANTANEOUS,
15.1 AT 15:44 MST ON JUN 9

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 10 N
LONG 114 38 20 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 070
FEB	---	AUG	1 060
MAR	---	SEP	1 480
APR	---	OCT	2 370
MAY	---	NOV	---
JUN	8 800	DEC	---

PAWCETT LAKE NEAR SMITH - STATION NO. 07BX003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	611.359	611.332	611.425	611.735	611.618	611.537	611.537	611.531	---	---	1
2	---	---	611.360	611.334	611.423	611.744	611.613	611.533	611.547	611.532	---	---	2
3	---	---	611.358	611.336	611.422	611.780	611.603	611.612	611.553	611.529	611.594A	---	3
4	---	---	611.357	611.337	611.422	611.849	611.601	611.606	611.548	611.525	611.587	---	4
5	---	---	611.359	611.340	611.418	611.903	611.597	611.604	611.558	611.520	611.581	---	5
6	---	---	611.360A	611.342	611.418	611.943	611.612	611.590	611.570	611.515	611.578	---	6
7	---	---	---	611.347	611.412	611.976	611.643	611.624	611.592	611.510	611.575	---	7
8	---	---	---	611.351	611.412	611.988	611.670	611.634	611.614	611.507	611.572	---	8
9	---	---	---	611.355	611.410	611.985	611.705	611.639	611.635	611.502	611.584A	---	9
10	---	---	---	611.362	611.413	611.979	611.752	611.638	611.674	611.598	---	---	10
11	---	---	---	611.368	611.404	611.984	611.795	611.632	611.707	611.591	---	---	11
12	---	---	---	611.371	611.400	611.963	611.838	611.625	611.742	611.594	---	---	12
13	---	---	---	611.376	611.400	611.922	611.884	611.632	611.771	611.595	---	---	13
14	---	---	---	611.382	611.400	611.895	611.884	611.624	611.782	611.595	---	---	14
15	---	---	---	611.390	611.402	611.889	611.893	611.622	611.791	611.598	---	---	15
16	---	---	---	611.397	611.404	611.865	611.911	611.612	611.782	611.598	---	---	16
17	---	---	---	611.398	611.412	611.814	611.889	611.598	611.770	611.597	---	---	17
18	---	---	---	611.403	611.411	611.786	611.889	611.590	611.765	611.607	---	---	18
19	---	---	---	611.408	611.421	611.784	611.854	611.585	611.762	611.608A	---	---	19
20	---	---	---	611.408	611.481	611.769	611.835	611.577	611.762	---	---	---	20
21	---	---	611.327A	611.418	611.478	611.735	611.817	611.580	611.748	---	---	---	21
22	---	---	611.328	611.425	611.505	611.719	611.789	611.542	611.733	---	---	---	22
23	---	---	611.328	611.425	611.530	611.705	611.782	611.532	611.712	---	---	---	23
24	---	---	611.326	611.425	611.589	611.692	611.787	611.514	611.688	---	---	---	24
25	---	---	611.324	611.423	611.598	611.678	611.748	611.501	611.688	---	---	---	25
26	---	---	611.328	611.425	611.618	611.686	611.730	611.481	611.672	---	---	---	26
27	---	---	611.328	611.426	611.638	611.647	611.714	611.478	611.682	---	---	---	27
28	---	611.358A	611.328	611.427	611.656	611.628	611.695	611.497	611.651	---	---	---	28
29	---	611.359	611.330	611.426	611.670	611.626	611.681	611.518	611.644	---	---	---	29
30	---		611.331	611.427	611.677	611.631	611.666	611.532	611.638	---	---	---	30
31	---		611.333		611.705		611.653	611.523		---		---	31
MEAN	---	---	---	---	611.481	611.805	611.748	611.580	611.677	---	---	---	MEAN
MAX	---	---	---	611.426	611.705	611.989	611.911	611.639	611.782	---	---	---	MAX
MIN	---	---	---	611.333	611.400	611.626	611.597	611.478	611.537	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 611.989 ON JUN 8

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 20 N
LONG 113 51 20 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
1 240 km²

FIREBAG RIVER NEAR THE MOUTH - STATION NO. 07DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.288	7.008	7.008	10.98	30.6	18.2	18.5E	14.4A	42.6	23.3A	30.08	14.78	1
2	7.288	7.008	7.008	12.08	19.8	36.9	18.3E	12.9A	44.7	23.7	27.58	14.58	2
3	7.308	7.008	7.008	13.88	18.1	37.9	19.4E	11.7A	45.8	24.2	27.08	14.38	3
4	7.318	7.008	7.008	15.18	18.4	46.0	21.9A	11.4A	45.8	24.8	26.08	14.18	4
5	7.328	7.008	7.008	16.88	17.2	48.6	21.4A	12.7A	44.5	25.7	25.08	13.88	5
6	7.338	7.008	7.008	18.58	17.0	48.3	21.4E	12.5A	43.0	25.4	24.28	13.78	6
7	7.348	7.008	7.008	20.68	16.8	46.4	21.6A	19.0A	41.6	25.0	23.58	13.58	7
8	7.348	7.008	7.008	23.28	16.5	43.7	25.0A	32.2A	39.6	24.6	23.18	13.38	8
9	7.348	7.008	7.008	25.98	15.8	40.5	30.2A	41.6A	38.1	24.4	22.58	13.18	9
10	7.348	7.008	7.008	28.0	15.7	37.3	34.5A	49.9E	36.5	24.2	22.08	12.98	10
11	7.328	7.008	7.008	31.9	15.6	33.8	37.2A	53.3A	36.0	23.9	21.58	12.88	11
12	7.308	7.008	7.008	34.5	15.5	30.3	37.8A	53.6	34.5	24.9	21.08	12.48	12
13	7.288	7.008	7.008	37.8	15.5	27.6	37.8A	53.9	33.3	26.6	20.58	12.28	13
14	7.268	7.008	7.008	42.0	15.4	24.9	38.0A	56.4	31.9	28.7	20.08	12.08	14
15	7.248	7.008	7.008	47.3	15.4	23.1	38.0A	58.3	31.0	30.6	19.68	11.98	15
16	7.228	7.008	7.008	48.3	15.7	21.6	38.0A	57.6	30.2	32.5A	19.28	11.88	16
17	7.208	7.008	7.008	47.8	15.6	21.1	37.1A	54.3	29.3	37.0E	18.88	11.78	17
18	7.188	7.008	7.008	45.0	15.8	22.6	35.3A	50.0	28.0	40.0E	18.48	11.68	18
19	7.185	7.008	7.008	42.9	15.4	25.1	32.8A	47.5	27.2	45.0E	18.08	11.48	19
20	7.178	7.008	7.008	40.8	20.8	27.2	30.5E	45.2	26.9	51.0E	17.78	11.38	20
21	7.188	7.008	7.008	38.2	21.8A	28.4	28.4E	42.3	26.5	58.0E	17.48	11.28	21
22	7.148	7.008	7.108	39.4	22.4A	26.8A	26.2E	40.1	26.3	80.0E	17.18	11.18	22
23	7.128	7.008	7.208	38.6	23.1	27.8A	24.5A	37.6	25.6	88.0E	16.88	11.08	23
24	7.118	7.008	7.348	37.8	23.1	28.4A	23.8A	35.0	25.3	82.8E	16.48	10.98	24
25	7.108	7.008	7.488	36.8	31.4	28.3A	21.8A	33.1	24.7	68.0E	16.18	10.88	25
26	7.088	7.008	7.708	35.2	30.3	24.7A	20.8A	29.8	24.5	63.8E	15.88	10.78	26
27	7.068	7.008	7.888	34.0	19.0	23.4A	19.8A	27.8	24.1	60.0E	15.78	10.68	27
28	7.048	7.008	8.308	33.2	17.8	22.4A	18.4A	27.2	23.7	58.0E	15.48	10.58	28
29	7.028	7.008	8.758	32.2	17.0	21.3A	18.8A	30.0	23.5	56.0E	15.18	10.38	29
30	7.018		9.208	31.2	16.1	19.8A	18.7A	34.3	23.2	55.0E	14.98	10.28	30
31	7.008		9.808		15.8		18.4A	40.0		31.88		10.18	31
TOTAL	235.38	203.00	227.88	820.9	557.2	901.8	824.6	1 124.4	975.2	1 083.1	607.3	374.2	TOTAL
MEAN	7.21	7.00	7.35	27.4	18.0	30.1	26.6	36.3	32.5	34.9	20.2	12.1	MEAN
MAX	7.34	7.00	9.80	47.3	32.5	48.6	38.0	58.3	45.8	80.0	30.0	14.7	MAX
MIN	7.00	7.00	7.00	10.9	15.4	19.2	15.4	11.4	23.2	23.5	14.9	10.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 80.0E ON OCT 22
MINIMUM DAILY, 7.008 ON JAN 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 36 30 N
LONG 111 10 30 W
DRAINAGE AREA, 6 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 300	JUL	71 200
FEB	17 800	AUG	97 100
MAR	19 700	SEP	84 500
APR	70 900	OCT	93 600
MAY	48 100	NOV	52 500
JUN	77 900	DEC	32 300

TOTAL DISCHARGE, 885 000 dam³

FISH CREEK ABOVE LITTLE FISH LAKE - STATION NO. 05CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	0	0	---	---	1
2	---	---	---	---	---	---	---	---	0	0	---	---	2
3	---	---	---	---	---	---	---	---	0	0	---	---	3
4	---	---	---	---	---	---	---	---	0	0	---	---	4
5	---	---	---	---	---	---	---	---	0	0	---	---	5
6	---	---	---	---	---	---	---	---	0	0	---	---	6
7	---	---	---	---	---	---	---	---	0	0	---	---	7
8	---	---	---	---	---	---	---	---	0	0	---	---	8
9	---	---	---	---	---	---	---	---	0	0	---	---	9
10	---	---	---	---	---	---	---	---	0	0	---	---	10
11	---	---	---	---	---	---	---	---	0	0	---	---	11
12	---	---	---	---	---	---	---	---	0.001	0	---	---	12
13	---	---	---	---	---	---	---	---	0.003	0	---	---	13
14	---	---	---	---	---	---	---	---	0.002	0	---	---	14
15	---	---	---	---	---	---	---	---	0.001	0	---	---	15
16	---	---	---	---	---	---	---	---	0.001	0.001	---	---	16
17	---	---	---	---	---	---	---	---	0.001	0.002	---	---	17
18	---	---	---	---	---	---	---	---	0.001	0.003	---	---	18
19	---	---	---	---	---	---	---	---	0.001	0.001	---	---	19
20	---	---	---	---	---	---	---	---	0.002	0.004	---	---	20
21	---	---	---	---	---	---	---	0	0.003	0.001	---	---	21
22	---	---	---	---	---	---	---	0	0.005	0	---	---	22
23	---	---	---	---	---	---	---	0	0.005	0	---	---	23
24	---	---	---	---	---	---	---	0	0.005A	0	---	---	24
25	---	---	---	---	---	---	---	0	0.005E	0	---	---	25
26	---	---	---	---	---	---	---	0	0.003E	0 B	---	---	26
27	---	---	---	---	---	---	---	0	0.001E	0 B	---	---	27
28	---	---	---	---	---	---	---	0	0.001E	0 B	---	---	28
29	---	---	---	---	---	---	---	0	0.001E	0 B	---	---	29
30	---	---	---	---	---	---	---	0	0	0 B	---	---	30
31	---		---		---		---			0 B		---	31
TOTAL	---	---	---	---	---	---	---	---	0.042	0.012	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	0.001	0	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	0.005	0.004	---	---	MAX
MIN	---	---	---	---	---	---	---	---	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 15 N
LONG 112 12 17 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	3 63
APR	---	OCT	1 04
MAY	---	NOV	---
JUN	---	DEC	---

FISH CREEK NEAR PRIDDIS - STATION NO. 05BK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3718	0.194	0.188	0.074	0	0	0.024	0.0058	---	1
2	---	---	0 B	0.2728	0.148	0.145	0.052	0	0	0.023	---	---	2
3	---	---	0 B	0.3128	0.146	0.128	0.037	0.003	0	0.023	---	---	3
4	---	---	0 B	0.4808	0.141	0.117	0.031	0.003	0	0.023	---	---	4
5	---	---	0 B	0.5308	0.157	0.172	0.027	0.034	0	0.025	---	---	5
6	---	---	0 B	0.4808	0.218	0.425	0.022	0.028	0	0.026	---	---	6
7	---	---	0 B	0.4708	0.362	0.453	0.018	0.017	0	0.040	---	---	7
8	---	---	0 B	0.5008	0.426	1.51	0.015	0.013	0	0.034	---	---	8
9	---	---	0 B	0.4578	0.385	4.80	0.012	0.008	0	0.034	---	---	9
10	---	---	0 B	0.3768	0.310	3.46	0.010	0.005	0	0.035	---	---	10
11	---	---	0 B	0.3908	0.265	2.15	0.006	0.003	0	0.031	---	---	11
12	---	---	0.0018	0.3858	0.227	1.44	0.004	0.002	0.002	0.036	---	---	12
13	---	---	0.0028	0.3808	0.189	1.01	0.004	0.001	0.001	0.036	---	---	13
14	---	---	0.0048	0.3508	0.194	0.737	0.003	0.001	0.001	0.037	---	---	14
15	---	---	0.0098	0.3708	0.222	0.580	0.003	0	0.001	0.0388	---	---	15
16	---	---	0.0138	0.455	0.434	0.504	0.002	0	0	0.0388	---	---	16
17	---	---	0.0258	0.472	0.941	0.523	0.001	0	0	0.0198	---	---	17
18	---	---	0.0328	0.436	0.686	0.481	0.001	0	0	0.0178	---	---	18
19	---	---	0.0368	0.412	0.511	0.388	0	0	0	0.0238	---	---	19
20	---	---	0.1128	0.485	0.370	0.306	0	0	0.001	0.0208	---	---	20
21	---	---	0.0858	0.673	0.307	0.262	0.002	0	0.003	0.0188	---	---	21
22	---	---	0.2388	0.506	0.264	0.347	0.002	0	0.002	0.0168	---	---	22
23	---	---	1.07 B	0.377	0.224	0.398	0.001	0	0.002	0.0138	---	---	23
24	---	---	0.7948	0.286	0.223	0.324	0	0	0.002	0.0118	---	---	24
25	---	---	0.7108	0.244	0.278	0.293	0	0	0.003	0.0118	---	---	25
26	---	---	0.5528	0.214	0.328	0.201	0	0	0.003	0.0138	---	---	26
27	---	---	0.3488	0.183	0.321	0.164	0	0	0.003	0.0108	---	---	27
28	---	---	0.4268	0.161	0.310	0.139	0	0	0.018	0.0078	---	---	28
29	---	---	0.3558	0.157	0.287	0.122	0.001	0	0.022	0.0078	---	---	29
30	---		0.4278	0.152	0.238	0.093	0.001	0	0.023	0.0068	---	---	30
31	---		0.5188		0.188		0	0		0.0068		---	31
TOTAL	---	---	5.758	11.328	9.464	21.781	0.329	0.118	0.088	0.898	---	---	TOTAL
MEAN	---	---	0.186	0.378	0.305	0.725	0.011	0.004	0.003	0.022	---	---	MEAN
MAX	---	---	1.07	0.673	0.941	4.80	0.074	0.034	0.023	0.040	---	---	MAX
MIN	---	---	0	0.152	0.141	0.093	0	0	0	0.006	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 202
MAXIMUM DAILY, 4.80 ON JUN 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.84 AT 09:37 MST ON JUN 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 114 18 35 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.4
FEB	---	AUG	10.2
MAR	487	SEP	7.80
APR	575	OCT	60.1
MAY	815	NOV	---
JUN	1 880	DEC	---

TOTAL DISCHARGE, 4 280 dam³

FLAT CREEK NEAR BOYLE - STATION NO. 07CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5638	0.028	1.34	0.035	0.001	0.008	0.033	0.0238	---	1
2	---	---	0 B	0.5008	0.030	1.92	0.028	0.001	0.006	0.014	0.0178	---	2
3	---	---	0 B	0.4258	0.038	1.51	0.020	0.003	0.004	0.011	0.0148	---	3
4	---	---	0 B	0.3508	0.040	1.27	0.013	0.006	0.002	0.013	0.0108	---	4
5	---	---	0 B	0.2998	0.013	0.978	0.018	0.012	0.001	0.011E	0.0078	---	5
6	---	---	0 B	0.2808	0.013	0.988	0.024	0.014	0.001E	0.011E	0.0048	---	6
7	---	---	0 B	0.2908	0.013	1.72	0.024	0.014	0.054	0.011E	0.0018	---	7
8	---	---	0 B	0.3638	0.015	2.43	0.020	0.014	0.138	0.011E	---	---	8
9	---	---	0 B	0.253	0.021	2.01	0.028	0.012	0.121	0.011E	---	---	9
10	---	---	0 B	0.231	0.022	1.52	0.029	0.011	0.183	0.007	---	---	10
11	---	---	0 B	0.201	0.024	1.18	0.037	0.011	0.188	0.011	---	---	11
12	---	---	0 B	0.185	0.018	0.876	0.027	0.013	0.139	0.024	---	---	12
13	---	---	0 B	0.157	0.055	0.678	0.040	0.015	0.104	0.028	---	---	13
14	---	---	0 B	0.128	0.032	0.542	0.042	0.024	0.132	0.027	---	---	14
15	---	---	0 B	0.110	0.029	0.430	0.018	0.033	0.110	0.030	---	---	15
16	---	---	0 B	0.098	0.047	0.347	0.011	0.152	0.079	0.038	---	---	16
17	---	---	0 B	0.081	0.057	0.273	0.008	0.084	0.044	0.044	---	---	17
18	---	---	0.0018	0.069	0.100	0.232	0.078	0.081	0.057	0.073	---	---	18
19	---	---	0.0028	0.066	0.131	0.198	0.028	0.048	0.051	0.083	---	---	19
20	---	---	0.0028	0.069	0.150	0.180	0.009	0.045	0.044	0.078	---	---	20
21	---	---	0.0038	0.059	0.247	0.187	0.007	0.039	0.040	0.050	---	---	21
22	---	---	0.0038	0.057	0.218	0.155	0.005	0.035	0.039	0.058	---	---	22
23	---	---	0.2008	0.057	0.188	0.123	0.005	0.030	0.032	0.072	---	---	23
24	---	---	0.4508	0.048	0.288	0.107	0.002	0.028	0.027	0.078	---	---	24
25	---	---	0.4308	0.048	0.365	0.092	0.002	0.023	0.022	0.075	---	---	25
26	---	---	0.4758	0.047	0.328	0.085	0.001	0.021	0.084	0.089	---	---	26
27	---	---	0.8718	0.042	0.358	0.083	0.001	0.018	0.082	0.059	---	---	27
28	---	---	0.7508	0.038	0.391	0.084	0.001	0.018	0.058	0.0488	---	---	28
29	---	---	0.6308	0.035	0.343	0.050	0.002	0.015	0.052	0.0418	---	---	29
30	---	---	0.7408	0.030	0.326	0.041	0.001	0.011	0.052	0.0348	---	---	30
31	---	---	0.7008		0.448		0.001	0.007		0.0298		---	31
TOTAL	---	---	5.257	5.230	4.380	21 611	0 562	0.815	1.862	1.178	---	---	TOTAL
MEAN	---	---	0 170	0 174	0.141	0.720	0 018	0.026	0 060	0.038	---	---	MEAN
MAX	---	---	0.830	0 583	0.448	2.43	0 079	0 152	0 188	0.083	---	---	MAX
MIN	---	---	0	0 030	0 013	0 041	0.001	0.001	0 001	0 007	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 167
MAXIMUM DAILY, 2 43 ON JUN 8
MINIMUM DAILY, 0 001 ON JUL 28
MAXIMUM INSTANTANEOUS,
2 51 AT 11 44 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 15 N
LONG 112 54 20 W
DRAINAGE AREA, 194 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	48 6
FEB	---	AUG	70 7
MAR	454	SEP	170
APR	452	OCT	102
MAY	378	NOV	---
JUN	1 870	DEC	---

TOTAL DISCHARGE, 3 090 dam³

FOOTHILLS CREEK NEAR PINCHER CREEK - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0 014	0 002	0	0	0	0	---	---	1
2	---	---	---	0	0 020	0 002	0	0	0	0	---	---	2
3	---	---	---	0	0 018	0 002	0	0	0	0	---	---	3
4	---	---	---	0	0 014	0 002	0	0	0	0	---	---	4
5	---	---	---	0	0 016	0 002	0	0	0	0	---	---	5
6	---	---	---	0	0 021	0 002	0	0	0	0	---	---	6
7	---	---	---	0	0 024	0 002	0	0	0	0	---	---	7
8	---	---	---	0	0 021	0 002	0	0	0	0	---	---	8
9	---	---	---	0	0 018	0 003	0	0	0	0	---	---	9
10	---	---	---	0 001E	0 015	0 003	0	0	0	0	---	---	10
11	---	---	---	0 013	0 020	0 002	0	0	0	0	---	---	11
12	---	---	---	0 004	0 018	0 002	0	0	0	0	---	---	12
13	---	---	---	0 003	0 014	0 002	0	0	0	0	---	---	13
14	---	---	---	0 003	0 017	0 002	0	0	0	0	---	---	14
15	---	---	---	0 002	0 014	0 002	0	0	0	0	---	---	15
16	---	---	---	0 002	0 034	0 001	0	0	0	0	---	---	16
17	---	---	---	0 002	0 024	0	0	0	0	0	---	---	17
18	---	---	---	0 007	0 020	0	0	0	0	0	---	---	18
19	---	---	---	0 023	0 016	0	0	0	0	0	---	---	19
20	---	---	---	0 053	0 028	0	0	0	0	0	---	---	20
21	---	---	---	0 051	0 024	0	0	0	0	0	---	---	21
22	---	---	---	0 047	0 020	0 002	0	0	0	0	---	---	22
23	---	---	---	0 041	0 018	0 002	0	0	0	0	---	---	23
24	---	---	---	0 028	0 014	0 002	0	0	0	0	---	---	24
25	---	---	---	0 019	0 020	0	0	0	0	0	---	---	25
26	---	---	---	0 016	0 018	0	0	0	0	0	---	---	26
27	---	---	---	0 013	0 017	0	0	0	0	0	---	---	27
28	---	---	---	0 018	0 018	0	0	0	0	0	---	---	28
29	---	---	---	0 010	0 011	0	0	0	0	0	---	---	29
30	---	---	---	0 005	0 006	0	0	0	0	0	---	---	30
31	---	---	---		0 003		0	0		0	---	---	31
TOTAL	---	---	---	0 388	0 551	0 038	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0 012	0 018	0 001	0	0	0	0	---	---	MEAN
MAX	---	---	---	0 051	0 034	0 003	0	0	0	0	---	---	MAX
MIN	---	---	---	0	0 003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0 051 ON APR 21
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0 074 AT 05 10 MST ON APR 21

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1983 ARE ALSO AVAILABLE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 25 N
LONG 113 43 00 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	31 8	OCT	0
MAY	47 8	NOV	---
JUN	3 37	DEC	---

TOTAL DISCHARGE, 82 8 dam³

FORSTER RESERVOIR NEAR CESSFORD - STATION NO. 05CH013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	22.880	22.642	22.530	22.436	23.065	23.184	24.587	---	---	1
2	---	---	---	22.842	22.638	22.514	22.431	23.060	23.363	24.584	---	---	2
3	---	---	---	22.830	22.638	22.511	22.426	---	23.482	24.584	---	---	3
4	---	---	---	22.824	22.634	22.506	22.418	---	23.618	24.582	---	---	4
5	---	---	---	22.827	22.634	22.507	22.418	---	23.750	24.579	---	---	5
6	---	---	23.578A	22.836	22.634	22.502	22.413	---	23.887	24.573	---	---	6
7	---	---	---	22.848	22.632	22.500	22.401	---	24.048	24.570	---	---	7
8	---	---	---	22.854	22.623	22.503	22.398	---	24.124	24.567	---	---	8
9	---	---	---	22.880	22.623	22.506	22.389	---	24.236	24.565	---	---	9
10	---	---	---	22.863	22.617	22.503	22.385	---	24.342	24.561	---	---	10
11	---	---	---	22.885	22.615	22.501	22.383	---	24.450	24.558	---	---	11
12	---	---	---	22.887	22.614	22.503	22.375	---	24.521	24.552	---	---	12
13	---	---	---	22.871	22.615	22.492	22.420	---	24.583	24.543	---	---	13
14	---	---	---	22.888	23.612	22.493	22.546	---	24.603	24.540	---	---	14
15	---	---	---	22.888	23.610	22.489	22.765	---	24.637	24.533	---	---	15
16	---	---	---	22.887	22.603	22.491	22.902	---	24.675	24.532	---	---	16
17	---	---	---	22.883	22.598	22.485	22.921	---	24.704	24.525	---	---	17
18	---	---	---	22.881	22.593	22.508	22.928	---	24.712	24.521	---	---	18
19	---	---	---	22.886	22.587	22.502	22.946	22.800A	24.705	24.521	---	---	19
20	---	---	22.598A	22.858	22.577	22.498	22.954	22.784	24.703	24.519	---	---	20
21	---	---	---	22.882	22.570	22.487	23.040	22.784	24.718	24.518	---	---	21
22	---	---	---	22.886	22.581	22.494	23.109	22.810	24.714	24.515	---	---	22
23	---	22.574A	---	22.881	22.558	22.488	23.187	22.825	24.710	24.514	---	---	23
24	---	---	---	22.880	22.552	22.488	23.182	22.829	24.705	24.511	---	---	24
25	---	---	---	22.859	22.552	22.495	23.236	22.817	24.704	24.514	---	---	25
26	---	---	---	22.857	22.548	22.484	23.304	22.787	24.700	24.515	---	---	26
27	---	---	---	22.855	22.538	22.478	23.273	22.773	24.697	24.508	---	---	27
28	---	---	---	22.852	22.538	22.474	23.184	22.807	24.694	24.504	---	---	28
29	---	---	22.707A	22.848	22.538	22.488	23.106	22.830	24.692	24.500A	---	---	29
30	---		22.705	22.847	22.533	22.448	23.100	22.890	24.689	24.598E	---	---	30
31	---		22.682		22.528		23.082	23.029		24.592E		---	31
MEAN	---	---	---	22.858	22.592	22.488	22.778	---	24.377	24.538	---	---	MEAN
MAX	---	---	---	22.871	22.642	22.530	23.304	---	24.718	24.587	---	---	MAX
MIN	---	---	---	22.824	22.528	22.448	22.375	---	23.184	24.532	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 51 N
LONG 111 45 56 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

MAXIMUM INSTANTANEOUS,
24.725 AT 20:29 MST ON SEP 18

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FREEMAN RIVER NEAR FORT ASSINIBOINE - STATION NO. 07AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.903B	1.69B	4.34	17.8	38.1	2.89	3.29	3.87	2.44B	---	1
2	---	---	0.903B	1.82B	4.16	21.1	34.3	2.85	2.80	3.87	---	---	2
3	---	---	0.903B	2.12B	4.13	20.0	23.8	2.90	2.80	3.79	---	---	3
4	---	---	0.903B	2.50B	5.09	17.3	17.8	2.85	2.87	3.88	---	---	4
5	---	---	0.903B	3.01B	6.07	16.8	13.7	2.90	2.90	3.79	---	---	5
6	---	---	0.903B	3.75B	9.40	22.0	13.6	3.42	2.96	3.79	---	---	6
7	---	---	0.903B	4.25B	9.85	73.4	16.3	4.65	3.67	3.97	---	---	7
8	---	---	0.903B	4.85B	8.59	218	18.9	7.88	3.92	3.54	---	---	8
9	---	---	0.880B	5.46B	7.55	151	18.8	6.80	8.23	3.54	---	---	9
10	---	---	0.860B	6.26	8.51	89.9	17.7	5.72	7.11	3.54	---	---	10
11	---	---	0.860B	6.49	17.6	69.1	15.1	4.80	6.36	3.61	---	---	11
12	---	---	0.860B	6.24	14.7	56.3	12.9	4.18	6.36	3.58	---	---	12
13	---	---	0.840B	6.26	12.9	49.6	13.2 E	4.24	6.85	3.54	---	---	13
14	---	---	0.820B	7.30	11.1	51.5	13.5 E	7.33	6.79	3.54	---	---	14
15	---	---	0.800B	7.24	10.5	36.7	13.8 E	12.8	6.22	3.54	---	---	15
16	---	---	0.750B	6.26	10.9	30.0	14.6	8.50	6.00	3.54	---	---	16
17	---	---	0.750B	11.7	40.3	26.6	10.6	6.63	5.32	3.54	---	---	17
18	---	---	0.750B	14.1	46.6	25.6	9.28	5.38	5.32	3.61	---	---	18
19	---	---	0.780B	12.3	37.3	24.2	8.65	4.58	4.91	3.81	---	---	19
20	---	---	0.810B	11.0	26.3	22.4	8.89	3.81	4.78	3.81	---	---	20
21	---	---	0.840B	11.0	24.1	20.4	8.28	3.49	4.88	3.51	---	---	21
22	---	---	0.880B	11.1	21.4	18.9	7.85	3.58	4.88	3.47	---	---	22
23	---	---	0.930B	11.5	25.1	17.0	7.58	4.20	4.88	3.72	---	---	23
24	---	---	0.880B	11.0	26.8	17.1	7.33	3.81	4.78	4.08	---	---	24
25	---	---	1.02 B	10.1	28.8	14.4	8.53	3.33	4.54	4.08	---	---	25
26	---	---	1.07 B	7.72	25.2	12.0	8.74	3.34	4.48	3.90	---	---	26
27	---	---	1.14 B	8.48	21.8	10.4	5.08	3.22	4.48	2.47B	---	---	27
28	---	---	1.21 B	8.07	19.5	8.32	4.88	2.89	4.20	2.44B	---	---	28
29	---	---	1.29 B	8.33	18.1	7.84	3.80	2.98	4.08	2.44B	---	---	29
30	---		1.37 B	4.89	15.2	8.07	3.51	2.98	3.87	2.44B	---	---	30
31	---		1.49 B		19.7		3.17	3.36		2.44B		---	31
TOTAL	---	---	29.204	211.82	540.09	1 174.13	394.52	136.08	144.27	108.85	---	---	TOTAL
MEAN	---	---	0.942	7.06	17.4	39.1	12.7	4.48	4.81	3.51	---	---	MEAN
MAX	---	---	1.49	14.1	46.6	218	38.1	12.8	8.23	4.08	---	---	MAX
MIN	---	---	0.750	1.69	4.13	7.84	3.17	2.90	2.87	2.44	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 218 ON JUN 8
MINIMUM DAILY, 0.750B ON MAR 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 21 52 N
LONG 114 54 13 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	34 100
FEB	---	AUG	11 800
MAR	2 520	SEP	12 500
APR	18 300	OCT	9 390
MAY	46 700	NOV	---
JUN	101 000	DEC	---

TOTAL DISCHARGE, 235 000 dam³

CALWEY BROOK NEAR WATERTON PARK - STATION NO. 05AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.002	0.846	0.082	0.039	0.005A	0.011	---	---	1
2	---	---	---	0	0.004	0.298	0.058	0.042	0.005	0.010	---	---	2
3	---	---	---	0	0.018	0.135	0.033	0.038	0.005	0.007	---	---	3
4	---	---	---	0	0.034	0.077	0.034	0.035	0.004	0.008	---	---	4
5	---	---	---	0	0.052	0.072	0.034	0.033	0.004	0.008	---	---	5
6	---	---	---	0	0.084	0.050	0.028	0.031	0.004	0.006	---	---	6
7	---	---	---	0	0.071	0.021	0.026	0.031	0.005	0.006	---	---	7
8	---	---	---	0	0.071	0.024	0.021	0.039	0.004	0.007	---	---	8
9	---	---	---	0	0.085	0.028	0.019	0.028	0.004	0.007	---	---	9
10	---	---	---	0	0.084	0.031	0.080	0.021	0.010	0.008	---	---	10
11	---	---	---	0	0.107	0.052	0.145	0.019	0.022	0.009	---	---	11
12	---	---	---	0	0.115	0.048	0.145	0.017	0.022	0.011	---	---	12
13	---	---	---	0	0.119	0.040	0.148	0.017	0.020	0.014	---	---	13
14	---	---	---	0	0.127	0.037	0.143	0.018	0.018	0.017	---	---	14
15	---	---	---	0	0.308	0.058	0.131	0.017	0.018	0.020	---	---	15
16	---	---	---	0	0.977	0.061	0.137	0.017	0.014	0.023	---	---	16
17	---	---	---	0	1.11	0.039	0.138	0.014	0.011	0.027	---	---	17
18	---	---	---	0.002	1.05	0.033	0.134	0.018	0.009	0.031	---	---	18
19	---	---	---	0.002	1.02	0.031	0.130	0.025	0.007	0.032	---	---	19
20	---	---	---	0.006	0.991	0.030	0.132	0.044	0.012	0.040	---	---	20
21	---	---	---	0.005	0.881	0.048	0.131	0.042	0.015	0.048	---	---	21
22	---	---	---	0.004	0.837	0.089	0.128	0.037	0.015	0.059	---	---	22
23	---	---	---	0.003	0.734	0.252	0.090	0.034	0.017	0.061	---	---	23
24	---	---	---	0.004	0.654	0.234	0.028	0.034	0.018	0.071	---	---	24
25	---	---	---	0.003	0.580	0.331	0.035	0.031	0.018	0.090	---	---	25
26	---	---	---	0.003	0.500	0.231	0.048	0.022	0.015	0.101	---	---	26
27	---	---	---	0.003	0.454	0.210	0.057	0.008	0.012	0.088	---	---	27
28	---	---	---	0.003	0.405	0.178	0.058	0.005	0.011	0.087	---	---	28
29	---	---	---	0.003	0.431	0.110	0.051	0.005	0.011	0.098	---	---	29
30	---	---	---	0.003	0.837	0.095	0.057	0.005	0.009	0.088	---	---	30
31	---		---		0.849		0.060	0.005A		0.088		---	31
TOTAL	---	---	---	0.045	13.380	3.378	2.527	0.755	0.343	1.188	---	---	TOTAL
MEAN	---	---	---	0.002	0.432	0.113	0.082	0.024	0.011	0.038	---	---	MEAN
MAX	---	---	---	0.006	1.11	0.846	0.148	0.044	0.022	0.101	---	---	MAX
MIN	---	---	---	0	0.002	0.021	0.019	0.005	0.004	0.006	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 1.11 ON MAY 17
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
1.27 AT 17:50 MST ON MAY 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REMARKS - DATA FOR 1983 ARE ALSO AVAILABLE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 25 N
LONG 113 51 00 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	218
FEB	---	AUG	85.2
MAR	---	SEP	29.5
APR	3.99	OCT	102
MAY	1 160	NOV	---
JUN	292	DEC	---

TOTAL DISCHARGE, 1 870 dam³

GHOST LAKE NEAR COCHRANE - STATION NO. 05BE005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1191.58	1191.43	1191.40	1191.37	1190.37	1188.89	1190.70	1190.40	1190.58	1190.95	1190.91	1190.88	1
2	1191.58	1191.48	1191.40	1191.43	1190.12	1187.10	1190.64	1190.43	1190.58	1190.98	1190.95	1190.85	2
3	1191.55	1191.48	1191.48	1191.37	1190.03	1187.10	1190.30	1190.48	1190.81	1191.04	1191.04	1190.78	3
4	1191.52	1191.43	1191.48	1191.34	1189.76	1187.14	1190.18	1190.48	1190.61	1191.10	1191.18	1190.78	4
5	1191.52	1191.43	1191.48	1191.37	1189.51	1187.10	1190.21	1190.48	1190.64	1191.10	1191.22	1190.70	5
6	1191.55	1191.43	1191.52	1191.34	1189.27	1187.14	1190.24	1190.48	1190.70	1191.04	1191.18	1190.73	6
7	1191.55	1191.48	1191.55	1191.34	1189.02	1187.17	1190.27	1190.49	1190.73	1190.98	1191.18	1190.88	7
8	1191.55	1191.40	1191.52	1191.31	1188.81	1187.50	1190.21	1190.58	1190.70	1190.95	1191.10	1190.95	8
9	1191.55	1191.43	1191.55	1191.34	1188.54	1187.93	1190.21	1190.58	1190.73	1190.82	1191.04	1191.04	9
10	1191.59	1191.43	1191.55	1191.31	1188.29	1188.29	1190.27	1190.61	1190.70	1190.82	1191.01	1191.04	10
11	1191.62	1191.48	1191.48	1191.28	1188.23	1188.51	1190.30	1190.67	1190.73	1190.85	1191.04	1191.04	11
12	1191.55	1191.48	1191.48	1191.31	1188.05	1188.68	1190.21	1190.67	1190.76	1190.91	1190.88	1191.04	12
13	1191.52	1191.40	1191.48	1191.28	1187.87	1188.87	1190.21	1190.67	1190.82	1190.95	1191.01	1191.04	13
14	1191.48	1191.40	1191.48	1191.28	1187.74	1189.08	1190.27	1190.64	1190.91	1190.95	1190.95	1191.18	14
15	1191.40	1191.48	1191.48	1191.25	1187.82	1189.57	1190.24	1190.64	1190.95	1190.98	1190.95	1191.22	15
16	1191.37	1191.37	1191.52	1191.25	1187.88	1188.82	1190.18	1190.58	1190.95	1191.01	1190.95	1191.22	16
17	1191.37	1191.34	1191.55	1191.25	1187.93	1190.03	1190.18	1190.55	1190.98	1191.04	1191.04	1191.18	17
18	1191.28	1191.34	1191.52	1191.28	1187.41	1190.00	1190.27	1190.49	1190.98	1191.10	1191.07	1191.13	18
19	1191.28	1191.34	1191.55	1191.25	1187.38	1189.85	1190.27	1190.52	1191.01	1191.10	1191.01	1191.18	19
20	1191.31	1191.48	1191.52	1191.22	1187.28	1189.70	1190.34	1190.40	1191.10	1191.10	1190.98	1191.18	20
21	1191.34	1191.48	1191.55	1191.18	1187.14	1189.78	1190.34	1190.40	1191.18	1191.07	1190.98	1191.28	21
22	1191.37	1191.34	1191.55	1191.10	1187.04	1189.62	1190.27	1190.34	1191.10	1191.04	1191.04	1191.34	22
23	1191.43	1191.28	1191.55	1191.04	1186.98	1189.85	1190.08	1190.34	1191.18	1191.04	1190.98	1191.40	23
24	1191.52	1191.25	1191.52	1190.95	1186.93	1189.91	1190.08	1190.37	1191.04	1191.01	1190.98	1191.37	24
25	1191.55	1191.28	1191.48	1190.95	1186.86	1190.00	1190.08	1190.34	1191.10	1191.04	1190.95	1191.52	25
26	1191.58	1191.34	1191.48	1190.91	1186.80	1190.00	1190.15	1190.30	1191.07	1191.04	1190.85	1191.52	26
27	1191.58	1191.31	1191.43	1190.88	1186.95	1190.00	1190.18	1190.30	1191.04	1191.01	1190.78	1191.49	27
28	1191.58	1191.34	1191.46	1190.79	1186.58	1190.00	1190.18	1190.34	1191.01	1190.98	1190.78	1191.46	28
29	1191.55	1191.37	1191.43	1190.81	1186.48	1190.03	1190.21	1190.48	1190.95	1190.82	1190.85	1191.43	29
30	1191.55		1191.46	1190.48	1186.53	1190.40	1190.27	1190.52		1190.88		1191.40	30
31	1191.43		1191.40		1186.71		1190.34	1190.48					31
MEAN	1191.51	1191.40	1191.50	1191.17	1187.81	1188.81	1190.25	1190.49	1190.88	1190.99	1190.98	1191.15	MEAN
MAX	1191.55	1191.49	1191.52	1191.43	1190.37	1190.40	1190.70	1190.67	1191.18	1191.10	1191.22	1191.52	MAX
MIN	1191.28	1191.25	1191.40	1190.48	1186.48	1186.89	1190.08	1190.30	1190.58	1190.82	1190.78	1190.78	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1190.69
MAXIMUM DAILY, 1191.55 ON JAN 6
MINIMUM DAILY, 1186.48 ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 00 N
LONG 114 43 00 W

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
6 480 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GHOST RIVER ABOVE WAIPAROUS CREEK - STATION NO. 05BG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.10	1.74	1.48	1.58	1.40	1.37	1.52	3.13	3.35	2.93	2.50	2.35	1
2	2.08	1.73	1.51	1.56	1.40	1.35	1.64	3.18	3.34	2.88	2.54	2.36	2
3	2.08	1.71	1.51	1.58	1.40	1.32	1.65	3.18	3.32	2.87	2.49	2.37	3
4	2.07	1.69	1.51	1.55	1.38	1.29	1.63	3.28	3.33	2.81	2.46	2.32	4
5	2.07	1.68	1.52	1.57	1.47	1.34	1.65	3.30	3.29	2.74	2.46	2.29	5
6	2.02	1.68	1.51	1.58	1.48	1.31	1.70	3.28	3.31	2.73	2.47	2.28	6
7	2.01	1.67	1.51	1.55	1.51	1.40	1.74	3.31	3.28	2.72	2.48	2.27	7
8	2.01	1.68	1.51	1.54	1.52	1.66	1.78	3.30	3.23	2.70	2.48	2.27	8
9	1.98	1.68	1.50	1.53	1.49	2.12	1.80	3.34	3.23	2.67	2.47	2.28	9
10	1.94	1.65	1.50	1.52	1.47	2.03	1.85	3.28	3.24	2.65	2.46	2.27	10
11	1.93	1.64	1.49	1.50	1.42	1.84	1.82	3.30	3.36	2.66	2.47	2.24	11
12	1.92	1.63	1.48	1.51	1.38	1.74	2.02	3.35	3.57	2.64	2.47	2.22	12
13	1.89	1.62	1.47	1.50	1.33	1.68	2.07	3.33	3.31	2.63	2.47	2.18	13
14	1.78	1.61	1.47	1.50	1.33	1.64	2.09	3.38	3.27	2.58	2.45	2.18	14
15	1.83	1.60	1.46	1.50	1.35	1.66	2.12	3.36	3.18	2.57	2.43	2.14	15
16	1.85	1.59	1.48	1.52	1.46	1.64	2.18	3.33	3.15	2.59	2.43	2.05	16
17	1.76	1.58	1.47	1.55	1.46	1.61	2.28	3.37	3.14	2.57	2.43	2.02	17
18	1.73	1.58	1.45	1.54	1.47	1.68	2.34	3.40	3.11	2.57	2.44	2.07	18
19	1.73	1.58	1.45	1.56	1.58	1.62	2.41	3.43	3.08	2.58	2.45	2.15	19
20	1.74	1.53	1.45	1.57	1.64	1.68	2.54	3.43	3.14	2.54	2.45	2.28	20
21	1.77	1.53	1.47	1.58	1.80	1.64	2.71	3.44	3.25	2.55	2.45	2.20	21
22	1.78	1.54	1.59	1.58	1.58	1.61	2.68	3.41	3.17	2.52	2.44	2.18	22
23	1.80	1.53	1.60	1.53	1.56	1.61	2.71	3.40	3.11	2.53	2.43	2.14	23
24	1.77	1.51	1.62	1.51	1.55	1.61	2.78	3.42	3.08	2.54	2.44	2.02	24
25	1.78	1.51	1.62	1.48	1.56	1.61	2.82	3.38	3.07	2.57	2.42	2.09	25
26	1.76	1.51	1.62	1.50	1.51	1.62	2.87	3.38	3.05	2.60	2.42	2.08	26
27	1.78	1.48	1.59	1.47	1.48	1.63	2.85	3.38	3.00	2.56	2.38	2.06	27
28	1.78	1.48	1.58	1.43	1.44	1.65	2.97	3.38	2.98	2.53	2.35	2.07	28
29	1.78	1.48	1.59	1.43	1.42	1.61	3.08	3.38	3.01	2.50	2.34	2.07	29
30	1.78		1.58	1.42	1.41	1.60	3.07	3.41	2.98	2.47	2.34	2.08	30
31	1.78		1.58		1.39		3.11	3.40		2.50		2.06	31
TOTAL	57.85	46.34	47.18	45.88	45.54	45.55	70.51	103.60	56.00	81.48	73.34	67.66	TOTAL
MEAN	1.87	1.80	1.52	1.52	1.47	1.52	2.27	3.34	3.20	2.63	2.44	2.18	MEAN
MAX	2.10	1.74	1.62	1.58	1.80	2.12	3.11	3.44	3.57	2.93	2.54	2.37	MAX
MIN	1.73	1.48	1.45	1.42	1.33	1.29	1.62	3.13	2.98	2.47	2.34	2.02	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.13
MAXIMUM DAILY, 3.57 ON SEP 12
MINIMUM DAILY, 1.29 ON JUN 4
MAXIMUM INSTANTANEOUS,
3.93 AT 04:14 MST ON SEP 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 15 N
LONG 114 55 18 W

REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 000	JUL	6 090
FEB	4 000	AUG	8 950
MAR	4 080	SEP	8 290
APR	3 950	OCT	7 040
MAY	3 930	NOV	6 340
JUN	3 940	DEC	5 850

TOTAL DISCHARGE, 67 500 dam³

GHOST RIVER DIVERSION TO LAKE MINNEWANKA - STATION NO. 05BG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	2.52	3.31	1.22	0.808	1.38	0.6808	0B	1
2	0B	0B	0B	0B	0 B	1.88	2.88	1.18	0.808	1.38	0.6518	0B	2
3	0B	0B	0B	0B	0 B	2.48	2.38	1.78	0.808	1.50	0.6518	0B	3
4	0B	0B	0B	0B	0 B	2.04	2.29	1.88	0.803	1.53	0.6238	0B	4
5	0B	0B	0B	0B	0 B	2.24	2.29	1.78	0.678	1.78	0.6238	0B	5
6	0B	0B	0B	0B	0 B	3.28	2.89	1.67	0.808	1.78	0.6238	0B	6
7	0B	0B	0B	0B	0 B	3.43	2.24	1.47	0.808	1.64	0.6238	0B	7
8	0B	0B	0B	0B	0 B	5.41	2.01	1.30	0.678	1.67	0.5958	0B	8
9	0B	0B	0B	0B	0 B	4.59	1.87	1.25	0.650	2.28	0.5688	0B	9
10	0B	0B	0B	0B	0 B	3.82	1.78	1.19	0.678	2.01	0.5108	0B	10
11	0B	0B	0B	0B	0 B	5.55	1.78	1.16	0.906	1.78	0.4618	0B	11
12	0B	0B	0B	0B	0 B	6.77	1.81	1.10	0.891	1.64	0.4538	0B	12
13	0B	0B	0B	0B	0 B	7.82	1.76	1.10	1.02	1.50	0.4258	0B	13
14	0B	0B	0B	0B	0.028	7.99	1.64	1.08	1.02	1.38	0.3988	0B	14
15	0B	0B	0B	0B	0.057	8.50	1.63	1.08	1.02	1.30	0.3408	0B	15
16	0B	0B	0B	0B	0.113	7.25	1.53	1.02	1.02	1.27	0.2638	0B	16
17	0B	0B	0B	0B	0.142	5.32	1.47	1.02	0.891	1.25	0.2558	0B	17
18	0B	0B	0B	0B	0.142	4.38	1.44	1.02	0.891	1.18	0.2558	0B	18
19	0B	0B	0B	0B	0.142	3.86	1.42	1.02	0.863	1.13	0.2268	0B	19
20	0B	0B	0B	0B	0.142	3.62	1.38	0.981	0.863	1.10	0.2268	0B	20
21	0B	0B	0B	0B	0.170	3.88	1.42	0.863	0.863	1.05	0.1708	0B	21
22	0B	0B	0B	0B	0.170	3.06	1.38	0.863	0.891	1.05	0.1428	0B	22
23	0B	0B	0B	0B	0.170	4.11	1.38	0.863	1.02	1.02	0.1136	0B	23
24	0B	0B	0B	0B	0.170	4.76	1.30	0.863	1.02	0.863	0.0678	0B	24
25	0B	0B	0B	0B	0.170	4.56	1.25	0.863	1.08	0.863	0 B	0B	25
26	0B	0B	0B	0B	0.227	4.50	1.25	0.834	1.08	0.934	0 B	0B	26
27	0B	0B	0B	0B	0.227	4.61	1.25	0.863	1.08	0.850	0 B	0B	27
28	0B	0B	0B	0B	0.311	4.80	1.25	0.834	1.08	0.821	0 B	0B	28
29	0B	0B	0B	0B	2.41	5.35	1.19	0.808	1.13	0.793	0 B	0B	29
30	0B		0B	0B	6.72	5.35	1.25	0.808	1.27	0.736	0 B	0B	30
31	0B		0B		5.87		1.25	0.808		0.6808		0B	31
TOTAL	0	0	0	0	19.481	140.94	53.40	35.375	29.518	40.510	9.887	0	TOTAL
MEAN	0	0	0	0	0.628	4.70	1.72	1.14	0.984	1.31	0.332	0	MEAN
MAX	0	0	0	0	6.72	8.50	3.31	1.78	1.27	2.28	0.680	0	MAX
MIN	0	0	0	0	0	1.88	1.19	0.808	0.650	0.650	0	0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.889
MAXIMUM DAILY, 8.72 ON MAY 30
MINIMUM DAILY, 0B ON JAN 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 17 00 N
LONG 115 10 00 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	4 810
FEB	0	AUG	2 060
MAR	0	SEP	2 550
APR	0	OCT	3 500
MAY	1 680	NOV	881
JUN	12 200	DEC	0

TOTAL DISCHARGE, 28 500 dam³

GHOST RIVER NEAR BLACK ROCK MOUNTAIN - STATION NO. 05BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.425	0.453	3.58	4.36	1.56	1.16	1.73	1.10	---	1
2	---	---	---	0.425	0.453	3.00	3.81	1.53	1.16	1.73	1.08	---	2
3	---	---	---	0.425	0.453	3.57	3.11	2.37	1.16	1.90	1.08	---	3
4	---	---	---	0.453	0.453	3.03	3.00	2.01	1.16	1.85	1.05	---	4
5	---	---	---	0.453	0.453	3.28	3.00	2.21	1.13	2.24	1.05	---	5
6	---	---	---	0.453	0.481	4.64	3.48	2.12	1.16	2.27	1.02	---	6
7	---	---	---	0.453	0.481	4.81	3.82	1.87	1.16	2.10	1.02	---	7
8	---	---	---	0.453	0.481	5.01	3.58	1.87	1.13	2.35	0.881	---	8
9	---	---	---	0.453	0.481	5.23	3.38	1.58	1.10	2.69	0.934	---	9
10	---	---	---	0.453	0.510	5.30	3.31	1.53	1.13	2.55	0.908	---	10
11	---	---	---	0.453	0.481	5.35	3.24	1.47	1.16	2.27	0.908	---	11
12	---	---	---	0.453	0.481	10.7	2.39	1.42	1.27	2.07	0.908	---	12
13	---	---	---	0.453	0.453	11.8	2.21	1.42	1.30	1.90	0.878	---	13
14	---	---	---	0.453	0.453	13.3	2.07	1.39	1.30	1.76	0.878	---	14
15	---	---	---	0.453	0.510	13.7	1.95	1.36	1.30	1.67	0.850	---	15
16	---	---	---	0.453	0.538	12.7	1.85	1.36	1.30	1.61	0.850	---	16
17	---	---	---	0.510	0.651	10.8	1.83	1.30	1.27	1.58	0.850	---	17
18	---	---	---	0.510	0.651	7.78	1.87	1.30	1.27	1.53	0.850	---	18
17	---	---	---	0.510	0.651	5.58	1.84	1.30	1.27	1.47	0.850	---	19
18	---	---	---	0.510	0.651	4.96	1.76	1.30	1.25	1.42	0.850	---	20
19	---	---	---	0.510	0.651	5.13	1.73	1.27	1.33	1.42	0.850	---	21
20	---	---	---	0.510	0.651	5.18	1.78	1.32	1.25	1.39	0.821	---	22
21	---	---	---	0.510	0.651	4.11	1.76	1.32	1.27	1.38	0.821	---	23
22	---	---	---	0.510	0.651	5.58	1.73	1.32	1.30	1.36	0.821	---	24
23	---	---	---	0.595	0.651	5.51	1.67	1.32	1.30	1.30	0.793	---	25
24	---	---	---	0.595	0.651	5.09	1.61	1.32	1.38	1.30	0.765	---	26
25	---	---	---	0.595	0.680	5.82	1.58	1.19	1.38	1.30	0.736	---	27
26	---	---	---	0.595	0.708	5.24	1.58	1.32	1.38	1.32	0.708	---	28
27	---	---	---	0.595	0.621	5.87	1.58	1.16	1.44	1.19	0.680	---	29
28	---	---	---	0.595	4.19	12.4	1.53	1.16	1.61	1.16	0.680	---	30
29	---	---	---	0.595	13.8	7.42	1.58	1.16		1.10			31
30	---		---		8.37		1.58	1.16					
31	---		---										
TOTAL	---	---	---	14.956	43.241	202.13	88.49	45.07	37.73	52.83	28.432	---	TOTAL
MEAN	---	---	---	0.498	1.39	6.74	2.21	1.45	1.26	1.71	0.881	---	MEAN
MAX	---	---	---	0.595	13.8	13.7	4.36	2.37	1.61	2.69	1.10	---	MAX
MIN	---	---	---	0.425	0.453	3.00	1.53	1.16	1.10	1.10	0.680	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 19 00 N
LONG 115 11 00 W
DRAINAGE AREA, 211 km²

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.01
MAXIMUM DAILY, 13.8 ON MAY 30
MINIMUM DAILY, 0.425 ON APR 1

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 920
FEB	---	AUG	3 880
MAR	---	SEP	3 260
APR	1 280	OCT	4 570
MAY	5 740	NOV	2 380
JUN	17 500	DEC	---

TOTAL DISCHARGE, 42 500 dam³

GLENMORE RESERVOIR AT CALGARY - STATION NO. 05BJ004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1073.811	1073.895	1074.054	1073.945	1073.500	1074.248	1075.304	1075.439	1074.843	1075.485	1075.807	1075.581	1
2	1073.928	1073.895	1074.048	1073.948	1073.402	1074.328	1075.272	1075.389	1074.827	1075.490	1075.840	1075.538	2
3	1073.926	1073.895	1074.039	1073.954	1073.353	1074.398	1075.182	1075.420	1074.812	1075.530	1075.788	1075.481	3
4	1073.951	1073.902	1074.033	1073.950	1073.338	1074.480	1075.176	1075.475	1074.588	1075.551	1075.740	1075.429	4
5	1073.860	1073.911	1074.024	1073.976	1073.344	1074.597	1075.187	1075.486	1074.581	1075.572	1075.725	1075.384	5
6	1073.981	1073.926	1073.976	1073.984	1073.347	1074.748	1075.130	1075.505	1074.588	1075.812	1075.748	1075.384	6
7	1074.002	1073.941	1073.972	1073.987	1073.347	1074.917	1075.084	1075.486	1074.587	1075.857	1075.765	1075.353	7
8	1074.018	1073.941	1073.963	1074.002	1073.347	1075.084	1075.028	1075.481	1074.602	1075.872	1075.734	1075.359	8
9	1074.033	1073.948	1073.954	1074.018	1073.347	1075.136	1075.047	1075.435	1074.643	1075.884	1075.734	1075.344	9
10	1074.033	1073.972	1073.941	1074.024	1073.332	1075.084	1075.077	1075.405	1074.664	1075.705	1075.749	1075.344	10
11	1074.028	1073.987	1073.928	1074.021	1073.311	1075.024	1075.786	1075.374	1074.703	1075.740	1075.784	1075.227	11
12	1074.048	1074.002	1073.911	1074.012	1073.288	1075.024	1075.718	1075.388	1074.810	1075.779	1075.770	1075.145	12
13	1074.048	1074.009	1073.887	1073.984	1073.250	1075.075	1075.884	1075.353	1074.871	1075.818	1075.749	1075.060	13
14	1074.026	1074.018	1073.868	1073.928	1073.195	1075.108	1075.648	1075.328	1074.871	1075.868	1075.725	1075.024	14
15	1073.978	1074.018	1073.832	1073.868	1073.195	1075.208	1075.572	1075.283	1074.878	1075.877	1075.718	1074.993	15
16	1073.972	1074.018	1073.804	1073.748	1073.224	1075.359	1075.536	1075.206	1075.008	1075.917	1075.709	1074.947	16
17	1073.963	1074.009	1073.789	1073.682	1073.301	1075.475	1075.480	1075.161	1075.024	1075.938	1075.718	1074.877	17
18	1073.941	1074.009	1073.780	1073.658	1073.338	1075.536	1075.480	1075.148	1075.039	1075.888	1075.734	1074.801	18
19	1073.932	1074.002	1073.776	1073.658	1073.384	1075.587	1075.405	1075.148	1075.024	1075.908	1075.748	1074.734	19
20	1073.911	1074.033	1073.776	1073.726	1073.439	1075.725	1075.420	1075.115	1075.084	1075.928	1075.760	1074.684	20
21	1073.902	1074.033	1073.801	1073.736	1073.439	1075.677	1075.475	1075.080	1075.121	1075.980	1075.784	1074.618	21
22	1073.881	1074.038	1073.833	1073.748	1073.439	1075.911	1075.536	1074.993	1075.178	1075.990	1075.784	1074.582	22
23	1073.896	1074.054	1073.863	1073.784	1073.454	1076.028	1075.542	1074.938	1075.237	1076.121	1075.765	1074.551	23
24	1073.881	1074.054	1073.892	1073.892	1073.500	1076.078	1075.605	1074.893	1075.287	1076.126	1075.784	1074.511	24
25	1073.874	1074.064	1073.923	1073.878	1073.551	1076.080	1075.488	1074.861	1075.288	1076.151	1075.748	1074.478	25
26	1073.881	1074.089	1073.928	1073.887	1073.803	1076.108	1075.388	1074.810	1075.383	1076.191	1075.734	1074.444	26
27	1073.89-	1074.078	1073.941	1073.895	1073.867	1076.118	1075.388	1074.784	1075.374	1076.212	1075.678	1074.380	27
28	1073.87-	-74.088	1073.928	1073.843	1073.713	1076.138	1075.360	1074.740	1075.408	1076.221	1075.648	1074.338	28
29	1073.87-	074.064	1073.941	1073.824	1073.743	1076.184	1075.405	1074.719	1075.429	1076.180	1075.633	1074.292	29
30	1073.887		1073.945	1073.878	1073.788	1076.273	1075.444	1074.688	1075.444	1076.090	1075.612	1074.237	30
31	1073.887		1073.948		1074.089		1075.450	1074.684		1076.088		1074.188	31
MEAN	1073.944	1073.984	1073.913	1073.939	1073.437	1075.386	1075.308	1075.188	1074.953	1075.880	1075.740	1074.813	MEAN
MAX	1074.048	1074.078	1074.054	1074.024	1074.089	1076.273	1075.304	1075.505	1075.444	1076.221	1075.807	1075.581	MAX
MIN	1073.860	1073.895	1073.776	1073.678	1073.195	1074.248	1075.260	1074.684	1074.581	1075.485	1075.612	1074.188	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1074.738
MAXIMUM DAILY, 1076.304 ON JUL 1
MINIMUM DAILY, 1073.195 ON MAY 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 00 N
LONG 114 05 00 W

DATA CONTRIBUTED BY -
CITY OF CALGARY WATER WORKS DEPARTMENT

DRAINAGE AREA,
1 220 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -10.838 m ADJUSTMENT TO CONVERT TO CITY OF CALGARY DATUM

GOAT CREEK AT BANFF PARK BOUNDARY - STATION NO. 05BC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.472	0.436	0.437	1.20	0.577	0.681	0.833	0.631	0.567	0.610	0.511	0.515	1
2	0.482	0.412	0.427	1.20	0.585	0.647	0.804	0.635	0.586	0.884	0.539	0.506	2
3	0.487	0.407	0.430	1.21	0.584	0.649	0.770	0.621	0.643	0.789	0.536	0.490	3
4	0.504	0.429	0.436	1.32	0.585	0.622	0.739	0.594	0.652	0.529	0.524	0.507	4
5	0.539	0.414	0.442	1.22	0.930	0.644	0.729	0.613	0.616	0.662	0.471	0.470	5
6	0.481	0.389	0.434	1.23	0.900	0.599	0.737	0.657	0.615	0.644	0.524	0.480	6
7	0.483	0.359	0.721	1.24	0.612	0.658	0.706	0.639	0.586	0.575	0.548	0.478	7
8	0.489	0.386	1.18	1.23	0.691	0.617	0.708	0.634	0.640	0.614	0.951	0.478	8
9	0.475	0.393	1.18	1.33	0.614	0.675	0.683	0.623	0.676	0.627	0.622	0.480	9
10	0.478	0.406	1.18	1.24	0.578	0.748	0.690	0.680	0.680	0.588	0.584	0.480	10
11	0.477	0.393	1.20	1.24	0.583	0.720	0.705	0.638	0.724	0.530	0.570	0.477	11
12	0.467	0.431	1.18	1.24	0.580	0.734	0.703	0.582	0.717	0.598	0.582	0.484	12
13	0.451	0.396	1.18	1.25	0.581	0.781	0.703	0.663	0.681	0.580	0.544	0.477	13
14	0.3686	0.389	1.15	1.25	0.583	0.756	0.686	0.685	0.635	0.607	0.558	0.455	14
15	0.3908	0.429	1.16	1.28	0.588	0.845	0.695	0.680	0.586	0.611	0.538	0.4258	15
16	0.4258	0.405	1.15	1.15	0.687	0.853	0.678	0.650	0.592	0.601	0.540	0.3688	16
17	0.2838	0.407	1.17	0.673	0.642	0.836	0.610	0.603	0.511	0.555	0.539	0.3968	17
18	0.3118	0.404	1.17	0.631	0.622	0.756	0.557	0.593	0.544	0.554	0.544	0.4258	18
19	0.3408	0.398	1.17	0.632	0.618	0.774	0.630	0.648	0.586	0.523	0.536	0.4538	19
20	0.3688	0.424	1.18	0.622	0.643	0.784	0.678	0.639	0.630	0.472	0.528	0.484	20
21	0.3968	0.421	1.18	0.602	0.621	0.765	0.718	0.631	0.675	0.482	0.531	0.473	21
22	0.451	0.389	1.20	0.593	0.594	0.770	0.692	0.618	0.686	0.438	0.537	0.481	22
23	0.448	0.385	1.20	0.583	0.593	0.734	0.683	0.604	0.685	0.401	0.534	0.414	23
24	0.449	0.412	1.20	0.646	0.610	0.745	0.658	0.594	0.682	0.407	0.557	0.408	24
25	0.700	0.431	1.18	0.588	0.691	0.770	0.701	0.574	0.677	0.440	0.543	0.451	25
26	0.894	0.435	1.20	0.583	0.691	0.761	0.585	0.581	0.684	0.462	0.538	0.512	26
27	0.823	0.421	1.18	0.582	0.801	0.786	0.612	0.674	0.662	0.484	0.534	0.4258	27
28	0.821	0.424	1.18	0.580	0.878	0.807	0.633	0.652	0.656	0.523	0.522	0.3688	28
29	0.845	0.422	1.18	0.557	0.566	0.813	0.642	0.600	0.624	0.534	0.517	0.3118	29
30	0.828		1.20	0.572	0.591	0.885	0.655	0.591	0.635	0.557	0.526	0.3118	30
31	0.834		1.20		0.631		0.644	0.578		0.520		0.3408	31
TOTAL	14.378	11.808	31.707	28.008	19.110	22.711	21.280	19.430	18.056	17.220	16.200	13.881	TOTAL
MEAN	0.464	0.407	1.02	0.934	0.616	0.757	0.686	0.627	0.635	0.555	0.540	0.447	MEAN
MAX	0.894	0.435	1.20	1.36	0.930	0.813	0.833	0.683	0.724	0.884	0.622	0.515	MAX
MIN	0.283	0.386	0.427	0.568	0.578	0.598	0.557	0.581	0.511	0.401	0.471	0.311	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.681
MAXIMUM DAILY, 1.36 ON APR 15
MINIMUM DAILY, 0.2838 ON JAN 17
MAXIMUM INSTANTANEOUS,
2.04 AT 14:00 MST ON APR 15

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 30 N
LONG 115 35 50 W
DRAINAGE AREA, 60.9 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	1 840
FEB	1 025	AUG	1 680
MAR	2 740	SEP	1 650
APR	2 420	OCT	1 480
MAY	1 650	NOV	1 400
JUN	1 960	DEC	1 200

TOTAL DISCHARGE, 20 300 dam³

GOLD CREEK NEAR FRANK - STATION NO. 05AA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.268	0.329	0.718	0.606	0.376	0.313	0.312	0.2438	0.2738	1
2	---	---	---	0.264	0.328	0.686	0.580	0.365	0.312	0.309	0.2828	0.2748	2
3	---	---	---	0.260	0.325	0.657	0.561	0.388	0.314	0.310	0.3008	0.2808	3
4	---	---	---	0.268	0.331	0.645	0.532	0.381	0.312	0.313	0.3078	0.2828	4
5	---	---	---	0.280	0.340	0.634	0.524	0.351	0.305	0.317	0.3108	0.2688	5
6	---	---	---	0.284	0.338	0.630	0.520	0.353	0.303	0.318	0.3108	0.3008	6
7	---	---	---	0.285	0.338	0.614	0.489	0.339	0.304	0.318	0.3088	0.3158	7
8	---	---	---	0.258	0.337	0.672	0.493	0.328	0.302	0.318	0.3038	0.3158	8
9	---	---	---	0.262	0.348	0.712	0.489	0.323	0.302	0.320	0.2958	0.3118	9
10	---	---	---	0.250	0.357	0.743	0.456	0.323	0.309	0.323	0.2688	0.3108	10
11	---	---	---	0.248	0.353	0.780	0.455	0.324	0.322	0.329	0.2768	0.3128	11
12	---	---	---	0.248	0.369	0.804	0.445	0.335	0.317	0.333	0.2708	---	12
13	---	---	---	0.248	0.375	0.802	0.434	0.351	0.313	0.345	0.2828	---	13
14	---	---	---	0.258	0.436	0.786	0.434	0.337	0.310	0.337	0.2838	---	14
15	---	---	---	0.283	0.557	0.751	0.405	0.316	0.306	0.335	0.2768	---	15
16	---	---	---	0.266	0.682	0.733	0.400	0.311	0.301	0.340	0.2808	---	16
17	---	---	---	0.327	0.807	0.702	0.402	0.317	0.282	0.341	0.2898	---	17
18	---	---	---	0.348	0.722	0.694	0.390	0.317	0.285	0.340	0.3008	---	18
19	---	---	---	0.325	0.698	0.677	0.388	0.315	0.288	0.328	0.2848	---	19
20	---	---	---	0.313	0.716	0.652	0.381	0.313	0.308	0.318	0.2898	---	20
21	---	---	---	0.318	0.701	0.680	0.384	0.312	0.346	0.312	0.2908	---	21
22	---	---	---	0.328	0.678	0.702	0.378	0.316	0.325	0.318	0.2818	---	22
23	---	---	---	0.332	0.688	0.688	0.367	0.310	0.333	0.328	0.2848	---	23
24	---	---	---	0.328	0.656	0.656	0.367	0.321	0.328	0.329	0.2868	---	24
25	---	---	---	0.343	0.648	0.676	0.361	0.318	0.316	0.331	0.2898	---	25
26	---	---	---	0.338	0.633	0.655	0.340	0.308	0.316	0.329	0.2858	---	26
27	---	---	---	0.339	0.614	0.653	0.350	0.309	0.317	0.329	0.2868	---	27
28	---	---	0.2604	0.341	0.593	0.629	0.360	0.323	0.301	0.344	0.2938	---	28
29	---	---	0.280	0.339	0.610	0.614	0.330	0.322	0.311	0.367	0.2958	---	29
30	---		0.263	0.336	0.598	0.630	0.367	0.327	0.311	0.2858	0.2798	---	30
31	---		0.253		0.754		0.360	0.317		0.2228		---	31
TOTAL	---	---	---	8.893	15.519	20.716	13.458	10.241	9.316	9.986	8.870	---	TOTAL
MEAN	---	---	---	0.290	0.533	0.691	0.434	0.330	0.311	0.322	0.286	---	MEAN
MAX	---	---	---	0.348	0.882	0.804	0.606	0.365	0.345	0.357	0.310	---	MAX
MIN	---	---	---	0.240	0.325	0.614	0.340	0.308	0.285	0.222	0.243	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.438
MAXIMUM DAILY, 0.882 ON MAY 16
MINIMUM DAILY, 0.2228 ON OCT 31
MAXIMUM INSTANTANEOUS,
0.938 AT 08:02 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 05 N
LONG 114 26 00 W
DRAINAGE AREA, 82.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 160
FEB	---	AUG	885
MAR	---	SEP	805
APR	751	OCT	883
MAY	1 430	NOV	740
JUN	1 790	DEC	---

TOTAL DISCHARGE, 8 830 dam³

GRANDE PRAIRIE CREEK NEAR BERSMITH - STATION NO. 07EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 e	0.2320	0.077	0.311	0.184	0	0	0.001	---	---	1
2	---	---	0 e	0.1480	0.089	0.227	0.080	0	0	0.001	---	---	2
3	---	---	0 e	0.1100	0.087	0.177	0.061	0	0	0.001	---	---	3
4	---	---	0 e	0.0859	0.085	0.148	0.043	0	0	0.001	---	---	4
5	---	---	0 e	0.079	0.072	0.215	0.034	0	0				5
6	---	---	0 e	0.057	0.061	0.271	0.038	0	0.001	0.001	---	---	6
7	---	---	0 e	0.045	0.053	3.90	0.030	0	0.001	0.001	---	---	7
8	---	---	0 e	0.035	0.051	5.88	0.742	0	0.001	0.001	---	---	8
9	---	---	0 e	0.027	0.051	4.86	0.034	0	0.001	0.001	---	---	9
10	---	---	0 e	0.020	0.055	3.22	0.031	0	0.001				10
11	---	---	0 e	0.015	0.053	2.03	0.018	0	0.001	0.001	---	---	11
12	---	---	0 e	0.015	0.060	1.28	0.013	0	0	0.001	---	---	12
13	---	---	0 e	0.015	0.055	0.787	0.010	0	0.001	0.001	---	---	13
14	---	---	0 e	0.016	0.050	0.529	0.007	0	0.001	0.001	---	---	14
15	---	---	0 e	0.020	0.052	0.362	0.005	0	0.001				15
16	---	---	0 e	0.028	0.515	0.255	0.004	0	0	0 e	---	---	16
17	---	---	0 e	0.030	1.03	0.181	0.003	0	0	0 e	---	---	17
18	---	---	0 e	0.018	4.00	0.130	0.002	0	0	0 e	---	---	18
19	---	---	0 e	0.015	3.88	0.093	0.002	0	0	0 e	---	---	19
20	---	---	0 e	0.014	1.88	0.069	0.001	0	0				20
21	---	---	0 0058	0.013	1.56	0.048	0.001	0	0.001	0 e	---	---	21
22	---	---	0 1008	0.011	1.32	0.042	0.001	0	0.001	0 e	---	---	22
23	---	---	0 5088	0.011	1.76	0.033	0.001	0	0.001	0 e	---	---	23
24	---	---	1 00 e	0.014	1.56	0.025	0.001	0	0.001	0 e	---	---	24
25	---	---	0 7508	0.020	1.38	0.023	0.001	0					25
26	---	---	0 8008	0.017	1.17	0.013	0.001	0	0.001	0 e	---	---	26
27	---	00	0 7408	0.012	0.988	0.010	0	0	0	0 e	---	---	27
28	---	00	0 8588	0.014	0.781	0.008	0	0	0.001	0 e	---	---	28
29	---	00	0 7778	0.015	0.648	0.014	0.001	0	0.001	0 e	---	---	29
30	---		0 8088	0.032	0.626	0.118	0.001	0		0 e	---	---	30
31	---		0 3488		0 373		0	0					31
TOTAL	---	---	5 751	1.201	33 371	25 550	0.627	0	0.017	0 015	---	---	TOTAL
MEAN	---	---	0 187	0.040	0 915	0 885	0 020	0	0.001	0 001	---	---	MEAN
MAX	---	---	1 00	0.232	5 03	5 88	0 154	0	0.001		---	---	MAX
MIN	---	---	0	0.011	0 050	0 005	0	0	0		---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 355
MAXIMUM DAILY, 5 88 ON JUN 8
MINIMUM DAILY, 00 ON MAR 1
MAXIMUM INSTANTANEOUS,
6 70 AT 00 00 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 28 N
LONG 118 04 50 W

DRAINAGE AREA, 152 km²

e - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	54.2
FEB	---	AUG	0
MAR	500	SEP	1.47
APR	104	OCT	1.30
MAY	2 450	NOV	---
JUN	2 280	DEC	---

TOTAL DISCHARGE, 5 400 dam³

GREASEWOOD RESERVOIR NEAR ELKWATER - STATION NO 11AB002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	35 953	---	---	2
3	---	---	---	---	---	---	35 859	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	37 330E	35 575E	35 580E	35 730E	35 840E	35 485E	34 350E	35 170E	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	35 495	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	37 705E	35 030E	35 720E	35 580E	37 730E 37 545	34 630E	35 485E	35 350E	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	35 910	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	35 810E	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	35 475E	---	35 680E	---	---	35 490E	---	---	---	26
27	---	---	35 144	---	35 740E	---	35 175E	34 330E	---	35 840E	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	35 751	---	---	---	---	35 577	---	---	29
30	---	---	37 100E	35 681	---	35 650E	34 550	---	35 875E	---	---	---	30
31	---	---	---	---	35 740E	---	34 545E	34 280E	---	35 580E	---	---	31
			35 380E										
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 26 54 N
LONG 110 23 58 W

e - ESTIMATED

REGULATED

DRAINAGE AREA,
0 32 km²

GREGG RIVER NEAR HINTON - STATION NO. 07AP906

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.77E	5.88	4.85	1.52	0.907	5.40	---	---	1
2	---	---	---	---	1.83A	4.85	4.35	1.53	0.890	7.80	---	---	2
3	---	---	---	---	1.88	4.58	3.88	1.55	0.894	15.2	---	---	3
4	---	---	---	---	1.84	4.57	3.80	1.55	0.872	19.5	---	---	4
5	---	---	---	---	1.88	5.02	3.85	1.50	0.870	20.4	---	---	5
6	---	---	---	---	1.95	5.88	3.88	1.60	3.88	17.5	---	---	6
7	---	---	---	---	2.15	6.09	3.64	1.50	8.51	15.4	---	---	7
8	---	---	---	---	2.43	14.8	3.34	1.40	4.53	15.2	---	---	8
9	---	---	---	---	2.88	19.7	3.22	1.37	4.15	13.9	---	---	9
10	---	---	---	---	3.05	15.2	3.01	1.31	5.84	11.7	---	---	10
11	---	---	---	---	2.85	13.2	2.80	1.28	5.75	10.0	---	---	11
12	---	---	---	---	2.95	12.1	2.94	1.21	5.35	9.15	---	---	12
13	---	---	---	---	3.54	11.4	3.29	1.20	5.21	8.12	---	---	13
14	---	---	---	---	4.11	10.5	2.84	1.35	4.56	7.15	---	---	14
15	---	---	---	---	4.54	10.9	2.57	1.29	4.10	6.44	---	---	15
16	---	---	---	---	5.61	10.7	2.36	1.17	3.84	5.97	---	---	16
17	---	---	---	---	6.99	10.1	2.26	1.10	5.08	5.46	---	---	17
18	---	---	---	---	6.13	8.83	2.12	1.09	4.10	4.84	---	---	18
19	---	---	---	---	5.82	8.55	2.13	1.03	4.12	4.78	---	---	19
20	---	---	---	---	5.38	7.97	2.18	0.999	7.43	4.48	---	---	20
21	---	---	---	---	4.86	7.27	2.26	0.985	7.84	4.21	---	---	21
22	---	---	---	---	4.18	7.90	2.18	0.935	7.11	3.78	---	---	22
23	---	---	---	---	4.00	7.65	1.89	0.890	6.31	3.80E	---	---	23
24	---	---	---	---	3.78	7.36	1.87	0.886	5.86	3.48E	---	---	24
25	---	---	---	---	3.58	7.14	1.77	0.847	5.32	3.30E	---	---	25
26	---	---	---	1.67A	3.58	6.72	1.89	0.788	4.88	3.21E	---	---	26
27	---	---	---	---	3.88	6.56	1.74	0.850	4.49	3.12E	---	---	27
28	---	---	---	---	3.80	6.32	1.88	0.887	4.51	3.02E	---	---	28
29	---	---	---	---	4.19	6.42	1.81	0.890	4.46	2.98E	---	---	29
30	---	---	---	---	5.58	5.88	1.58	0.853	4.74	2.88E	---	---	30
31	---		---		7.07		1.57	0.888		2.80E			31
TOTAL	---	---	---	---	118.10	261.11	83.88	37.029	144.273	245.25	---	---	TOTAL
MEAN	---	---	---	---	3.81	8.70	2.70	1.18	4.81	7.91	---	---	MEAN
MAX	---	---	---	---	7.07	19.7	4.85	1.88	8.51	20.4	---	---	MAX
MIN	---	---	---	---	1.77	4.57	1.57	0.789	0.870	2.80	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.83
MAXIMUM DAILY, 20.4 ON OCT 5
MINIMUM DAILY, 0.789 ON AUG 26
MAXIMUM INSTANTANEOUS,
21.7 AT 23:57 MST ON OCT 4

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 06 N
LONG 117 21 30 W

DRAINAGE AREA, 381 km²

A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7 230
FEB	---	AUG	3 200
MAR	---	SEP	12 500
APR	---	OCT	21 200
MAY	10 200	NOV	---
JUN	22 600	DEC	---

TOTAL DISCHARGE, 76 500 dam³

GREGOIRE LAKE NEAR FORT MCMURRAY - STATION NO 07CE001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	475.176E	475.178	475.241	475.385	475.480	475.439	---	475.305	---	---	1
2	---	---	475.176E	475.184	475.238	475.438	475.458	475.427	---	475.314A	---	---	2
3	---	---	475.176A	475.176	475.218	475.478	475.464	475.427	---	475.295E	---	---	3
4	---	---	475.177	475.180	475.210	475.508	475.463	475.428	---	475.276A	---	---	4
5	---	---	475.178	475.182	475.208	475.527	475.454	475.426	---	475.292	---	---	5
6	---	---	475.171	475.183	475.210	475.548	475.485	475.424	---	475.275	475.422A	---	6
7	---	---	475.160	475.178	475.209	475.583	475.490	475.421	---	475.278	---	---	7
8	---	---	475.174	475.187	475.202	475.587	475.510	475.403	---	475.278	---	---	8
9	---	---	475.178	475.185	475.197	475.586	475.527	475.382	---	475.279	---	---	9
10	---	---	475.193	475.186	475.200	475.566	475.531	475.387	---	475.278	---	---	10
11	---	---	475.172	475.185	475.194	475.561	475.535	475.382	---	475.275	---	---	11
12	---	---	475.177	475.181	475.199	475.557	475.532	475.384	---	475.285	---	---	12
13	---	---	475.174	475.186	475.195	475.553	475.538	475.381	---	475.311	---	---	13
14	---	---	475.175	475.209	475.188	475.548	475.540	475.370	---	475.330	---	---	14
15	---	---	475.173	475.225	475.198	475.539	475.535	475.358	---	475.324	---	---	15
16	---	---	475.170	475.224	475.208	475.525	475.541	475.358	---	475.340	---	---	16
17	---	---	475.172	475.227	475.242	475.517	475.538	475.348	---	475.343	---	---	17
18	---	---	475.173	475.225	475.245	475.520	475.531	475.349	475.304A	475.354	---	---	18
19	---	---	475.174	475.230	475.259	475.518	475.526	475.354	475.304	475.365	---	---	19
20	---	---	475.180	475.233	475.278	475.516	475.520	475.348	475.297	475.378	---	---	20
21	---	---	475.177	475.238	475.308	475.516	475.516	475.343	475.284	475.383	---	---	21
22	---	---	475.185	475.233	475.316	475.509	475.517	475.340	475.291	475.390	---	---	22
23	---	---	475.182	475.234	475.310	475.505	475.504	475.341	475.267	475.391	---	---	23
24	---	---	475.184	475.248	475.332	475.501	475.497	475.341	475.278	475.392	---	---	24
25	---	---	475.180	475.257	475.337	475.491	475.490	475.334A	475.280	475.408	---	---	25
26	---	---	475.174	475.261	475.340	475.484	475.477	---	475.282	475.429A	---	---	26
27	---	---	475.174	475.256	475.344	475.481	475.474	---	475.278	475.427E	---	---	27
28	---	---	475.175	475.257	475.348	475.480	475.488	---	475.284	475.428E	---	---	28
29	---	---	475.172	475.249	475.347	475.462	475.481	---	475.290	475.425E	---	---	29
30	---	---	475.171	475.237	475.337	475.453	475.457	---	475.293	475.424E	---	---	30
31	---	---	475.174		475.358		475.447	---		475.423E		---	31
MEAN	---	---	475.178	475.213	475.289	475.513	475.499	---	---	475.345	---	---	MEAN
MAX	---	---	475.185	475.257	475.358	475.587	475.541	---	---	475.429	---	---	MAX
MIN	---	---	475.170	475.160	475.188	475.385	475.447	---	---	475.275	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 475.587 ON JUN 8

MAXIMUM INSTANTANEOUS,
475.570 AT 13:53 MST ON JUN 8

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 25 30 N
LONG 111 05 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1976

GROS VENTRE CREEK NEAR DUNMORE - STATION NO 05AH037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	08	0 B	0.048	0.001	0	0	0	0	0	---	---	1
2	---	08	0 B	0.034	0	0	0	0	0	0	---	---	2
3	---	08	0 B	0.030	0	0	0	0	0	0	---	---	3
4	---	08	0 B	0.029	0	0	0	0	0	0	---	---	4
5	---	08	0 B	0.036	0	0	0	0	0	0	---	---	5
6	---	08	0 B	0.041	0	0	0	0	0	0	---	---	6
7	---	08	0 B	0.037	0	0	0	0	0	0	---	---	7
8	---	08	0 B	0.033	0	0	0	0	0	0	---	---	8
9	---	08	0 B	0.037	0	0	0	0	0	0	---	---	9
10	---	08	0 B	0.038	0	0	0	0	0	0	---	---	10
11	---	08	0 B	0.033	0	0	0	0	0	0	---	---	11
12	---	08	0 B	0.026	0	0	0	0	0	0	---	---	12
13	---	08	0 B	0.019	0	0	0	0	0	0	---	---	13
14	---	08	0 B	0.015	0	0	0	0	0	0	---	---	14
15	---	08	0 B	0.013	0	0	0	0	0	0	---	---	15
16	---	08	0 B	0.010	0	0	0	0	0	0	---	---	16
17	---	08	0 B	0.009	0	0	0	0	0	0	---	---	17
18	---	08	0 B	0.010	0	0	0	0	0	0	---	---	18
19	---	08	0 B	0.012	0	0	0	0	0	0	---	---	19
20	---	08	0 B	0.013	0	0	0	0	0	0	---	---	20
21	---	09	0 B	0.011	0	0	0	0	0	0	---	---	21
22	---	08	0 B	0.009	0	0	0	0	0	0	---	---	22
23	---	08	0 B	0.007	0	0	0	0	0	0	---	---	23
24	---	08	0 1288	0.007	0	0	0	0	0	0	---	---	24
25	---	08	0 1458	0.007	0	0	0	0	0	0	---	---	25
26	08	08	0 1538	0.006	0	0	0	0	0	0	---	---	26
27	08	08	0 1088	0.004	0	0	0	0	0	0	---	---	27
28	08	08	0 0678	0.004	0	0	0	0	0	0	---	---	28
29	08	08	0 066	0.004	0	0	0	0	0	0	---	---	29
30	08		0 086	0 003	0	0	0	0	0	0	---	---	30
31	08		0 080		0		0	0		0A		---	31
TOTAL	---	0	0 813	0 563	0 001	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0 026	0 018	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0 163	0 048	0 001	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0 003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 005
MAXIMUM DAILY 0 1538 ON MAR 26
MINIMUM DAILY 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 20 N
LONG 110 30 20 W
DRAINAGE AREA 215 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	70 2	SEP	0
APR	50 4	OCT	0
MAY	0 09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 121 dam³

GULL LAKE AT ASPEN BEACH - STATION NO 05CC006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	899 028	---	1
2	---	---	---	---	---	899 211	---	---	---	---	---	---	2
3	---	---	---	895 185	---	---	899 212	899 104	---	898 049	---	---	3
4	---	---	---	---	---	899 211	---	899 104	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	899 221	899 193	---	---	---	---	---	6
7	---	---	---	---	---	---	899 183	899 094	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	899 251	899 173	---	---	---	---	---	9
10	---	---	---	---	---	899 251	---	899 084	---	---	---	---	10
11	---	---	---	---	---	---	---	899 094	---	---	---	---	11
12	---	---	---	---	---	899 251	899 163	---	---	---	---	---	12
13	---	---	---	---	---	---	---	899 094	---	---	---	---	13
14	---	---	899 170	---	---	---	899 163	---	---	---	---	---	14
15	---	---	---	---	---	899 272	---	899 085	---	---	---	---	15
16	---	---	---	---	899 227	---	---	---	---	---	---	---	16
17	---	---	---	899 173	899 190	---	899 153	---	---	---	---	---	17
18	---	---	---	---	899 200	899 262	899 125	899 185	---	---	---	---	18
19	---	---	---	---	899 190	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	899 113	---	---	---	---	---	20
21	---	---	---	---	899 230	---	899 143	899 155	---	---	---	---	21
22	---	---	---	---	---	899 252	899 143	899 045	---	---	---	---	22
23	---	---	---	---	899 210	899 252	---	899 155	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	899 210	899 240	899 134	899 135	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	899 211	899 232	---	899 135	---	---	---	---	27
28	---	---	---	---	---	---	899 114	---	---	---	---	---	28
29	---	---	---	---	899 201	899 242	---	---	---	---	---	---	29
30	---		---	---	---	---	899 124	899 105	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 27 28 N
LONG 113 58 03 W

NATURAL FLOW

DRAINAGE AREA 289 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAMMER HILL SPILLWAY NEAR CLEICHEN - STATION NO. 05BH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.002E	0.080	0.268	0.485	0.286	0.483	0.1488	0.0588	1
2	---	---	---	---	0.002E	0.032	0.242	0.328	0.247	0.451	0.1488	0.0548	2
3	---	---	---	---	0.014A	0.019	0.232	0.598	0.227	0.413	0.1408	0.0528	3
4	---	---	---	---	0.017	0.010	0.217	0.626	0.226	0.387	0.1408	0.0518	4
5	---	---	---	---	0.003	0.017	0.189	0.640	0.242	0.366	0.1358	0.0508	5
6	---	---	---	---	0.003	0.019	0.232	0.693	0.542	0.345	0.1358	0.0498	6
7	---	---	---	---	0.007	0.048	0.179	0.678	0.686	0.329	0.1308	0.0488	7
8	---	---	---	---	0.010	0.155	0.165	0.680	0.480	0.329	0.1208	0.0478	8
9	---	---	---	---	0.033	0.172	0.166	0.592	0.472	0.332	0.1118	0.0468	9
10	---	---	---	---	0.013	0.200	0.138	0.593	0.488	0.322	0.1158	0.0458	10
11	---	---	---	---	0.008	0.200	0.131	0.589	0.559	0.288	0.1158	0.0448	11
12	---	---	---	---	0.001	0.206	0.103	0.548	0.830	0.310	0.1158	0.0438	12
13	---	---	---	---	0.003	0.180	0.111	0.591	0.595	0.331	0.1208	0.0428	13
14	---	---	---	---	0.015	0.200	0.096	0.530	0.587	0.238	0.1208	0.0418	14
15	---	---	---	---	0.003	0.231	0.076	0.506	0.539	0.208	0.1258	0.0408	15
16	---	---	---	---	0.004	0.228	0.054	0.497	0.562	0.2138	0.1308	0.0388	16
17	---	---	---	---	0.031	0.217	0.018	0.520	0.563	0.2128	0.1358	0.0388	17
18	---	---	---	---	0.017	0.170	0.027	0.586	0.530	0.2058	0.1358	0.0378	18
19	---	---	---	---	0.003	0.176	0.014	0.557	0.503	0.2008	0.1408	0.0368	19
20	---	---	---	---	0.027	0.189	0.039	0.501	0.481	0.2008	0.1408	0.0358	20
21	---	---	---	---	0.006	0.176	0.103	0.491	0.610	0.2058	0.1458	0.0348	21
22	---	---	---	---	0.001	0.353	0.113	0.472	0.741	0.1968	0.1478	0.0338	22
23	---	---	---	---	0.008	0.346	0.088	0.486	0.741	0.2148	0.1508	0.0328	23
24	---	---	---	---	0.016	0.346	0.071	0.503	0.782	0.2148	0.1408	0.0318	24
25	---	---	---	---	0.005	0.343	0.084	0.521	0.723	0.1978	0.1308	0.0308	25
26	---	---	---	---	0.006	0.325	0.088	0.504	0.642	0.1928	0.1108	0.0298	26
27	---	---	---	0.002A	0.011	0.347	0.098	0.504	0.601	0.1808	0.0908	0.0288	27
28	---	---	---	0.018	0.027	0.307	0.091	0.418	0.561	0.1708	0.0758	0.0278	28
29	---	---	---	0.002A	0.037	0.381	0.152	0.351	0.532	0.1618	0.0688	0.0268	29
30	---		---	0.002E	0.048	0.384	0.500	0.303	0.498	0.1558	0.0608	0.0258	30
31	---		---		0.063		0.478	0.278		0.1508		0.0248	31
TOTAL	---	---	---	---	0.447	6.029	4.541	16.364	16.037	8.214	3.707	1.212	TOTAL
MEAN	---	---	---	---	0.014	0.201	0.146	0.528	0.535	0.265	0.124	0.039	MEAN
MAX	---	---	---	---	0.063	0.381	0.500	0.693	0.886	0.483	0.150	0.058	MAX
MIN	---	---	---	---	0.001	0.010	0.014	0.278	0.226	0.150	0.060	0.024	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 0.886 ON SEP 7
MINIMUM DAILY, 0.001 ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 20 N
LONG 113 08 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	392
FEB	---	AUG	1 410
MAR	---	SEP	1 390
APR	---	OCT	710
MAY	36 8	NOV	320
JUN	521	DEC	105

TOTAL DISCHARGE, 4 460 dam³

HANGINGSTONE RIVER AT FORT MCMURRAY - STATION NO 07CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1628	0.1488	0.1488	0.5008	2.85	10.1	3.31	1.07 E	3.35 E	0.880E	3.20 E	0.8508	1
2	0.1588	0.1488	0.1488	0.8508	2.63	48.2	3.08	0.960E	3.42 E	0.880E	3.02 E	0.8508	2
3	0.1548	0.1488	0.1488	1.40 B	2.47	47.2	2.94	0.880E	3.38 E	0.890E	2.83 E	0.8408	3
4	0.1528	0.1488	0.1488	2.53 B	2.36	37.4	2.78	0.800E	3.28 E	0.890E	2.70 E	0.8108	4
5	0.1508	0.1488	0.1488	2.40 B	2.32	27.7	2.58	0.740E	3.00 E	0.900E	2.54 B	0.7808	5
6	0.1508	0.1488	0.1488	2.30 B	2.28	23.1	2.45	0.720E	2.74 E	0.920E	2.48 B	0.7608	6
7	0.1508	0.1488	0.1488	2.80 B	2.28	20.1	3.94	0.744A	2.54 E	0.890E	2.39 B	0.7408	7
8	0.1508	0.1488	0.1488	3.24 B	2.21	16.3	11.1	0.840E	2.36 E	0.860E	2.12 B	0.7208	8
9	0.1508	0.1488	0.1488	3.38 B	2.20	13.0	17.4	1.00 E	2.15 E	0.840E	2.00 B	0.7058	9
10	0.1508	0.1488	0.1488	3.42 B	2.19	11.9	16.7	1.30 E	2.02 E	0.840E	1.91 B	0.6908	10
11	0.1508	0.1488	0.1488	3.48 B	2.29	11.3	12.7	1.66 E	2.70 E	0.880E	1.82 B	0.6708	11
12	0.1508	0.1488	0.1488	3.55 B	2.24	10.7	11.4	2.03 E	2.95 E	1.10 E	1.72 B	0.6508	12
13	0.1508	0.1488	0.1488	4.60 B	2.26	9.58	9.72	2.30 E	2.84 E	1.50 E	1.64 B	0.6408	13
14	0.1508	0.1488	0.1488	5.50 B	2.21	8.32	8.43	2.60 E	2.42 E	2.50 E	1.57 B	0.6308	14
15	0.1508	0.1488	0.1488	5.20 B	2.63	7.18	7.47	2.65 E	2.25 E	2.85 E	1.51 B	0.6208	15
16	0.1508	0.1488	0.1488	4.75 B	2.77	6.26	6.61	2.44 E	2.10 E	3.00 E	1.48 B	0.6008	16
17	0.1508	0.1488	0.1488	4.05 B	3.64	5.64	5.80	2.20 E	1.92 E	3.12 E	1.40 B	0.5908	17
18	0.1508	0.1488	0.1488	3.61 B	5.62	5.33	5.04	2.00 E	1.78 E	3.30 E	1.36 B	0.5808	18
19	0.1508	0.1488	0.1508	4.05 B	12.0	5.13	4.37	1.82 E	1.61 E	5.00 E	1.29 B	0.5808	19
20	0.1508	0.1488	0.1518	4.35 B	16.0	5.01	3.81	1.68 E	1.48 E	6.60 E	1.25 B	0.5408	20
21	0.1508	0.1488	0.1538	4.50 B	18.2	4.89	3.50	1.52 E	1.35 E	7.30 E	1.20 B	0.5208	21
22	0.1508	0.1488	0.1678	4.36	19.7	4.89	3.29	1.41 E	1.23 E	7.50 E	1.16 B	0.5008	22
23	0.1508	0.1488	0.1808	4.07	17.4	4.92	3.01	1.30 E	1.17 A	7.30 E	1.12 B	0.4808	23
24	0.1508	0.1488	0.1648	4.04	14.1	4.82	2.78	1.23 E	1.08 E	6.80 E	1.08 B	0.4608	24
25	0.1503	0.1488	0.1698	3.71	11.8	4.71	2.57	1.18 E	1.03 E	6.00 E	1.05 B	0.4408	25
26	0.1498	0.1488	0.1758	3.59	10.3	4.61	2.24E	1.13 E	1.00 E	5.20 B	1.02 B	0.4208	26
27	0.1498	0.1488	0.1828	3.46	9.40	4.51	1.92E	1.16 E	0.970E	4.75 B	0.9908	0.4008	27
28	0.1498	0.1488	0.1918	3.26	8.51	4.42	1.69E	1.27 E	0.940E	4.38 B	0.9608	0.3908	28
29	0.1498	0.1488	0.2038	3.09	7.66	4.31	1.49E	1.42 E	0.910E	3.95 B	0.9308	0.3808	29
30	0.1498		0.2258	3.02	6.87	3.98	1.32E	1.90 E	0.890E	3.70 B	0.9108	0.3658	30
31	0.1498		0.3008		7.07		1.18E	3.00 E		3.42 B		0.3508	31
TOTAL	4.670	4.307	5.065	103.050	207.39	383.72	188.82	46.874	60.840	99.140	50.800	18.580	TOTAL
MEAN	0.151	0.149	0.163	3.44	6.69	12.8	6.38	1.51	2.02	3.20	1.69	0.599	MEAN
MAX	0.162	0.149	0.300	5.50	19.7	48.2	17.4	3.00	3.42	7.30	3.20	0.850	MAX
MIN	0.148	0.148	0.148	0.500	2.19	3.98	1.18	0.720	0.890	0.840	0.910	0.350	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.16
MAXIMUM DAILY, 48.2 ON JUN 2
MINIMUM DAILY, 0.1488 ON FEB 15
MAXIMUM INSTANTANEOUS,
52.8 AT 16:59 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 42 18 N
LONG 111 21 20 W
DRAINAGE AREA, 947 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	403	JUL	14 400
FEB	372	AUG	4 050
MAR	436	SEP	2 240
APR	8 800	OCT	8 570
MAY	17 900	NOV	4 370
JUN	33 200	DEC	1 610

TOTAL DISCHARGE, 98 500 dam³

HARTLEY CREEK NEAR FORT MACKAY - STATION NO. 07DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0028	08	0 B	0.0128	0.141	0.777	0.841	0.508	2.01	1.14	0.8588	0.1428	1
2	0.0028	08	0 B	0.0158	0.197	0.873	0.807	0.481	2.15	1.18	0.7758	0.1308	2
3	0.0028	08	0 B	0.0188	0.177	1.15	0.807	0.413	2.19	1.24	0.7638	0.1188	3
4	0.0028	08	0 B	0.0218	0.188	1.30	0.488	0.367	2.20	1.26	0.6888	0.1068	4
5	0.0028	08	0 B	0.0278	0.183	1.38	0.441	0.337	2.15	1.38	0.5118	0.0928	5
6	0.0028	08	0 B	0.0258	0.138	1.48	0.413	0.301	2.11	1.31	0.5178	0.0888	6
7	0.0028	08	0 B	0.0248	0.139	1.44	0.809	0.389	2.03	1.34	0.5508	0.0728	7
8	0.0028	08	0 B	0.0238	0.141	1.36	1.07	0.483	1.92	1.35	0.5188	0.0648	8
9	0.0028	08	0 B	0.0338	0.145	1.22	1.33	0.553	1.85	1.38	0.4638	0.0488	9
10	0.0028	08	0 B	0.0478	0.138	1.11	1.61	0.715	1.83	1.40	0.4638	0.0128	10
11	0.0028	08	0 B	0.0628	0.151	0.952	1.46	0.784	1.80	1.43	0.4388	0.0388	11
12	0.0028	08	0 B	0.0778	0.154	0.852	1.40	0.798	1.71	1.48	0.4108	0.0308	12
13	0.0028	08	0 B	0.0928	0.159	0.748	1.38	0.857	1.61	1.72	0.3908	0.0248	13
14	0.0028	08	0 B	0.1088	0.163	0.678	1.55	1.21	1.51	1.82	0.3688	0.0188	14
15	0.0028	08	0 B	0.1508	0.187	0.618	1.92	1.31	1.44	1.87	0.3498	0.0128	15
16	0.0028	08	0 B	0.1368	0.188	0.538	2.08	1.40	1.37	1.89	0.3318	0.0088	16
17	0.0028	08	0 B	0.1508	0.188	0.542	2.01	1.44	1.30	1.83	0.3188	0.0068	17
18	0.0018	08	0 B	0.1378	0.212	0.585	1.82	1.41	1.25	1.78	0.3018	0.0038	18
19	0.0018	08	0 0018	0.1578	0.280	0.671	1.80	1.38	1.16	2.12	0.2868	0.0018	19
20	0.0018	08	0.0018	0.1528	0.295	0.838	1.41	1.31	1.10	2.24	0.2758	0 B	20
21	0.0018	08	0 0018	0.1708	0.383	0.740	1.28	1.27	1.06	2.30	0.2628	0 B	21
22	0.0018	08	0 0028	0.2228	0.382	0.735	1.15	1.26	1.04	2.34	0.2498	0 B	22
23	0.0018	08	0 0038	0.181	0.358	0.727	1.02	1.23	1.04	2.35	0.2388	0 B	23
24	0.0018	08	0 0038	0.183	0.370	0.698	0.882	1.15	1.05	2.12 B	0.2308	0 B	24
25	0.0018	08	0 0038	0.184	0.398	0.645	0.783	1.12	1.08	2.15 B	0.2198	0 B	25
26	0.0018	08	0 0048	0.181	0.412	0.624	0.728	1.15	1.10	2.11 B	0.2108	0 B	26
27	0.0018	08	0 0058	0.188	0.381	0.616	0.668	1.12	1.11	1.72 B	0.2008	0 B	27
28	0.0018	08	0 0078	0.181	0.309	0.634	0.571	1.18	1.12	1.55 B	0.1848	0 B	28
29	0.0018	08	0 0088	0.186	0.398	0.586	0.501	1.55	1.13	1.46 B	0.1708	0 B	29
30	0.0018		0 0098	0.182	0.387	0.568	0.482	1.78	1.13	1.20 B	0.1558	0 B	30
31	0.0018		0.0108		0.421		0.500	1.81		0.9938		0 B	31
TOTAL	0.048	0	0.086	3.106	7.783	25.503	32.522	31.084	45.56	51.383	11.870	1.051	TOTAL
MEAN	0.002	0	0.002	0.104	0.251	0.850	1.05	1.00	1.52	1.68	0.398	0.034	MEAN
MAX	0.002	0	0.010	0.222	0.421	1.48	2.08	1.91	2.20	2.35	0.858	0.142	MAX
MIN	0.001	0	0	0.012	0.138	0.538	0.413	0.301	1.04	0.893	0.155	0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.574
MAXIMUM DAILY, 2.35 ON OCT 23
MINIMUM DAILY, 08 ON FEB 1
MAXIMUM INSTANTANEOUS,
2.35 AT 16:05 MST ON OCT 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 15 34 N
LONG 111 27 53 W
DRAINAGE AREA, 358 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 15	JUL	2 810
FEB	0	AUG	2 690
MAR	4 84	SEP	3 940
APR	288	OCT	4 440
MAY	673	NOV	1 030
JUN	2 300	DEC	90 8

TOTAL DISCHARGE, 18 200 dam³

HASTINGS LAKE NEAR DEVILLE - STATION NO 05EB011

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	736.146	736.127	736.137	736.108	736.002	736.054	736.078	---	1
2	---	---	---	---	736.143	736.121	736.131	736.100	736.000	736.052	---	---	2
3	---	---	---	---	736.141	736.117	736.123	736.098	735.994	736.050	---	---	3
4	---	---	---	---	736.139	736.117	736.118	736.094	735.990	736.052	---	---	4
5	---	---	---	---	736.137	736.119	736.109	736.092	735.990	736.050			5
6	---	---	---	---	736.133	736.133	736.119	736.088	735.988	736.048	---	---	6
7	---	---	---	---	736.129	736.158	736.123	736.082	736.018	736.046	---	---	7
8	---	---	736.121	---	736.127	736.173	736.119	736.076	736.028	736.046	---	---	8
9	---	---	---	---	736.127	736.183	736.113	736.068	736.028	736.044	---	---	9
10	---	---	---	---	736.131	736.185	736.109	736.064	736.042	736.044	---	---	10
11	---	---	---	---	736.139	736.183	736.106	736.074	736.040	736.042	---	---	11
12	---	---	---	---	736.127	736.183	736.103	736.070	736.040	736.044	---	---	12
13	---	---	---	---	736.128	736.181	736.163	736.082	736.042	736.042	---	---	13
14	---	---	---	---	736.123	736.179	736.161	736.060	736.040	736.040	---	---	14
15	---	---	---	---	736.133	736.177	736.158	736.058	736.038	736.038	---	---	15
16	---	---	---	---	736.129	736.178	736.154	736.054	736.038	736.034	---	---	16
17	---	---	---	---	736.131	736.171	736.150	736.050	736.034	736.044	---	---	17
18	---	---	---	---	736.127	736.165	736.148	736.046	736.034	736.064	---	---	18
19	---	---	---	---	736.133	736.165	736.148	736.050	736.032	736.078	---	---	19
20	---	---	---	---	736.118	736.168	736.144	736.044	736.030	736.078	---	---	20
21	---	---	---	---	736.115	736.163	736.140	736.044	736.044	736.076	---	---	21
22	---	---	---	---	736.119	736.159	736.138	736.040	736.062	736.076	---	---	22
23	---	---	---	---	736.119	736.161	736.132	736.038	736.062	736.076	---	---	23
24	---	---	---	---	736.119	736.157	736.128	736.034	736.062	736.078	---	---	24
25	---	---	---	---	736.118	736.159	736.126	736.038	736.062	736.076	---	---	25
26	---	---	---	736.152	736.117	736.157	736.122	736.034	736.062	736.078	---	---	26
27	---	---	---	---	736.121	736.153	736.118	736.030	736.062	736.078	---	---	27
28	---	---	---	---	736.121	736.147	736.118	736.024	736.060	736.078	---	---	28
29	---	---	---	---	736.119	736.147	736.114	736.014	736.058	736.078	---	---	29
30	---		736.087	---	736.117	736.143	736.112	736.002	736.056	736.076	---	---	30
31	---		---		736.127		736.110	735.998		736.078		---	31
MEAN	---	---	---	---	736.126	736.157	736.129	736.056	736.035	736.069	---	---	MEAN
MAX	---	---	---	---	736.145	736.185	736.163	736.108	736.062	736.078	---	---	MAX
MIN	---	---	---	---	736.115	736.117	736.103	735.998	735.988	736.034	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 736.185 ON JUN 10

TYPE OF GAUGE - MANUAL
LOCATION - LAT 59 25 30 N
LONG 112 54 02 W

DRAINAGE AREA,
279 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MAY RIVER NEAR MEANDER RIVER - STATION NO. 07OB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.720B	0.585B	31.7A	168	74.7	135 E	45.3	111	---	---	1
2	---	---	0.710B	0.590B	29.7	157	83.7	128 E	51.7	108	---	---	2
3	---	---	0.700B	0.650B	27.8	147	92.7	120 E	64.3	108	---	---	3
4	---	---	0.690B	0.735B	26.1	141	108	110 E	82.3	107	---	---	4
5	---	---	0.680B	0.990B	24.6	137	131	105 E	103	106	---	---	5
6	---	---	0.670B	1.31 B	22.7	137	203	98.0E	121	104	---	---	6
7	---	---	0.675B	1.81 B	20.6	142	255	90.0E	131	103	---	---	7
8	---	---	0.670B	2.32 B	19.1	148	280	91.0E	138	102	---	---	8
9	---	---	0.675B	2.93 B	17.7	145	286	100 E	152	102	---	---	9
10	---	---	0.680B	3.94 B	16.3	141	281	125 E	167	103	---	---	10
11	---	---	0.670B	4.09 B	15.0	138	320	136 E	178	103	---	---	11
12	---	---	0.665B	4.12 B	13.7	145	361	137 E	180	102	---	---	12
13	---	---	0.650B	4.45 B	12.7	172	358	128 E	177	102	---	---	13
14	---	---	0.635B	5.83 B	11.8	194	344	110 E	173	102	---	---	14
15	---	---	0.620B	9.54 B	11.8	189	321	98.0E	168	103	---	---	15
16	---	---	0.615B	13.0 B	11.0	175	300	87.5E	162	100 B	---	---	16
17	---	---	0.610B	18.6 B	10.9	160	282	79.0E	157	101 B	---	---	17
18	---	---	0.605B	50.1 B	11.1	148	275	71.5E	153	104 B	---	---	18
19	---	---	0.605B	42.7 B	11.8	139	272	65.5E	148	102 B	---	---	19
20	---	---	0.605B	32.9 A	13.1	131	268	59.0E	143	95.0B	---	---	20
21	---	---	0.600B	28.0 E	15.0	123	254	53.5E	140	88.0B	---	---	21
22	---	---	0.575B	26.0 E	18.1	116	236	48.5E	136	90.0B	---	---	22
23	---	---	0.570B	28.0 E	20.0	108	218	44.5E	132	95.0B	---	---	23
24	---	---	0.600B	36.0 E	35.5	98.2	202	41.5E	129	95.0B	---	---	24
25	---	---	0.605B	40.0 E	109	91.2	189	39.0E	126	92.0B	---	---	25
26	---	---	0.620B	41.8 E	150	85.6	180	37.0E	123	85.0B	---	---	26
27	---	---	0.620B	39.5 E	188	79.5	173	36.0E	121	70.0B	---	---	27
28	---	---	0.615B	37.0 E	209	74.2	164	36.2A	118	60.0B	---	---	28
29	---	---	0.610B	35.0 E	201	69.5	157	37.2	116	57.0B	---	---	29
30	---		0.605B	33.0 E	182	70.3	148	38.6	114	55.0B	---	---	30
31	---		0.595B		161		143 A	42.3		54.2B	---	---	31
TOTAL	---	---	19.783	545.800	1 698.8	3 966.8	6 962.1	2 525.8	3 948.8	2 909.2	---	---	TOTAL
MEAN	---	---	0.638	18.2	54.8	132	225	81.5	132	93.8	---	---	MEAN
MAX	---	---	0.720	50.1	209	194	358	136	180	111	---	---	MAX
MIN	---	---	0.570	0.590	10.8	69.8	74.7	36.0	46.3	54.2	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.2
MAXIMUM DAILY, 358 ON JUL 13
MINIMUM DAILY, 0.570B ON MAR 23
MAXIMUM INSTANTANEOUS,
383 AT 02:00 MST ON JUL 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 58 N
LONG 117 38 03 W
DRAINAGE AREA, 36 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	602 000
FEB	---	AUG	218 000
MAR	1 710	SEP	341 000
APR	47 200	OCT	251 000
MAY	147 000	NOV	---
JUN	343 000	DEC	---

TOTAL DISCHARGE, 1 950 000 dam³

HAYNES CREEK NEAR HAYNES - STATION NO. 05CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.110B	0.012	0.003	0	0	0	0.001	---	---	1
2	---	---	0 B	0.131B	0.280	0.005	0	0	0	0	---	---	2
3	---	---	0 B	0.082B	0.316	0.010	0	0	0	0	---	---	3
4	---	---	0 B	0.056	0.135	0.076	0	0	0	0	---	---	4
5	---	---	0 B	0.032	0.001	0.002	0	0	0	0	---	---	5
6	---	---	0 B	0.024	0	0.002	0	0	0	0	---	---	6
7	---	---	0 B	0.018	0	0.001	0	0	0	0	---	---	7
8	---	---	0 B	0.010	0	0.012	0	0	0	0	---	---	8
9	---	---	0 B	0.005	0	0.009	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0	0.001	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0.004	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0.005	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.028	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.023	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0.001	0	---	---	21
22	---	---	0.025B	0.003	0	0	0	0	0.001	0	---	---	22
23	---	---	0.040B	0.003	0	0	0	0	0.001	0	---	---	23
24	---	---	0.049B	0.004	0	0	0	0	0.003	0.001	---	---	24
25	---	---	0.026B	0.007	0	0	0	0	0.003	0.001	---	---	25
26	---	---	0.008B	0.013	0	0	0	0	0.005	0.0028	---	---	26
27	---	---	0.004B	0.119	0	0	0	0	0.003	0.0038	---	---	27
28	---	---	0.007B	0.057	0	0	0	0	0.002	0.0018	---	---	28
29	---	---	0.007B	0.038	0.186	0	0	0	0.002	0 B	---	---	29
30	---	---	0.008B	0.030	0.017	0	0	0	0.001	0 B	---	---	30
31	---	---	0.050B		0.005		0	0		0 B		---	31
TOTAL	---	---	0.237	0.900	0.843	0.131	0	0	0.022	0.009	---	---	TOTAL
MEAN	---	---	0.008	0.030	0.030	0.004	0	0	0.001	0	---	---	MEAN
MAX	---	---	0.050	0.131	0.316	0.076	0	0	0.005	0.003	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.316 ON MAY 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.783 AT 19:00 MST ON MAY 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 55 N
LONG 113 21 40 W
DRAINAGE AREA, 186 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	20.5	SEP	1.90
APR	77.8	OCT	0.76
MAY	81.5	NOV	---
JUN	11.3	DEC	---

TOTAL DISCHARGE, 194 dam³

BOISE RIVER NEAR NAMPA - STATION NO. 13211000

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2458	0.2208	0.1768	1.87 B	0.588	15.9	18.5	2.44	0.335	0.618	1.24 B	0.4718	1
2	0.2508	0.2208	0.1768	1.80 B	0.584	17.7	28.4	2.08	0.382	0.588	1.23 B	0.4648	2
3	0.2608	0.2208	0.1808	1.87 B	0.488	18.6	28.5	1.78	0.384	0.574	1.18 B	0.4578	3
4	0.2708	0.2158	0.1808	1.90 B	0.405	15.4	30.0	1.62	0.634	0.560	1.08 B	0.4578	4
5	0.2758	0.2158	0.1858	1.79 B	0.480	14.2	28.0	1.33	0.786	0.880	1.01 B	0.4848	5
6	0.2788	0.2108	0.1878	1.88 B	0.373	14.2	26.8	1.17	0.885	0.720	0.9408	0.4718	6
7	0.2608	0.2058	0.2448	2.10 B	0.308	17.3	29.8	1.02	1.47	0.840	0.9408	0.4798	7
8	0.2408	0.1978	0.2588	1.92 B	0.188	26.4	36.6	0.888	1.28	0.832	0.9318	0.4718	8
9	0.2108	0.1858	0.2888	1.71 B	0.117	34.0	48.2	0.907	1.30	0.841	0.8388	0.4588	9
10	0.2008	0.1708	0.2858	1.62 B	0.067	28.0	57.3	0.832	1.44	0.834	0.7458	0.4508	10
11	0.1908	0.1558	0.2708	1.65 B	0.066	23.8	73.8	0.884	1.44	0.881	0.6948	0.4358	11
12	0.1858	0.1558	0.2558	1.64 B	0.230	20.4	88.0	0.818	1.54	0.804	0.6608	0.4208	12
13	0.1858	0.1708	0.2308	1.37 B	0.286	17.0	80.9	0.758	1.45	0.813	0.6518	0.4068	13
14	0.1858	0.1758	0.2058	1.58 B	0.421	14.5	55.6	0.801	1.30	0.782	0.6518	0.3918	14
15	0.1908	0.1758	0.1858	1.57 B	0.753	12.2	48.0	0.850	1.18	0.810	0.6808	0.3848	15
16	0.1958	0.1708	0.1808	1.77	0.975	10.5	38.5	0.489	1.12	0.926	0.6858	0.3788	16
17	0.2008	0.1708	0.1858	1.37	1.12	8.52	29.6	0.438	1.06	1.14	0.6948	0.3628	17
18	0.2108	0.1808	0.1958	1.08	2.78	7.08	24.3	0.434	0.802	1.27	0.7028	0.3608	18
19	0.2208	0.1908	0.2258	1.31	2.84	6.10	20.1	0.433	0.723	1.58	0.7118	0.3558	19
20	0.2258	0.2008	0.2658	1.21	4.35	5.54	16.8	0.479	0.747	1.71	0.7178	0.3518	20
21	0.2308	0.2008	0.3358	0.884	14.6	5.27	13.6	0.428	0.861	1.70	0.7188	0.3488	21
22	0.2358	0.1858	0.6508	0.853	41.0	4.84	12.1	0.358	0.983	1.64	0.7118	0.3408	22
23	0.2258	0.1758	1.50 B	0.777	46.0	4.40	10.9	0.363	0.853	1.69	0.6778	0.3348	23
24	0.2108	0.1708	2.90 B	0.849	35.8	4.13	9.11	0.414	0.835	1.88	0.6438	0.3178	24
25	0.2008	0.1708	2.67 B	0.900	29.4	3.79	7.87	0.325	0.872	1.84 B	0.6008	0.3088	25
26	0.2008	0.1708	2.80 B	0.900	25.8	3.37	6.55	0.345	0.858	1.78 B	0.5758	0.2958	26
27	0.2008	0.1758	2.33 B	0.985	23.2	2.91	5.49	0.247	0.583	1.70 B	0.5518	0.2838	27
28	0.2108	0.1758	2.13 B	0.985	19.8	2.55	4.71	0.207	0.588	1.65 B	0.5378	0.2788	28
29	0.2108	0.1758	2.16 B	0.830	17.0	2.84	4.52	0.185	0.645	1.67 B	0.5088	0.2728	29
30	0.2158		1.78 B	0.890	15.1	4.19	3.46	0.188	0.559	1.89 B	0.5008	0.2728	30
31	0.2158		1.80 B		14.8		2.85	0.187		1.36 B		0.2668	31
TOTAL	6.820	5.412	28.365	41.753	298.788	366.83	858.56	23.058	27.595	36.614	22.961	11.796	TOTAL
MEAN	0.220	0.187	0.818	1.39	9.64	12.2	27.7	0.744	0.920	1.18	0.765	0.380	MEAN
MAX	0.275	0.220	2.80	2.10	46.0	34.0	73.8	2.44	1.54	1.84	1.24	0.479	MAX
MIN	0.185	0.155	0.175	0.890	0.066	2.55	2.85	0.185	0.335	0.588	0.800	0.268	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.71
MAXIMUM DAILY, 73.6 ON JUL 11
MINIMUM DAILY, 0.066 ON MAY 11
MAXIMUM INSTANTANEOUS
76.0 AT 00:30 MST ON JUL 11

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 03 23 N
LONG 117 07 53 W
DRAINAGE AREA, 1 860 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	589	JUL	74 200
FEB	468	AUG	1 990
MAR	2 190	SEP	2 380
APR	3 610	OCT	3 150
MAY	25 800	NOV	1 980
JUN	31 700	DEC	1 020

TOTAL DISCHARGE, 149 000 dam³

HIGHWOOD DIVERSION CANAL NEAR HEADGATES - STATION NO 05BL025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 B	0.277	0.798	0.812	1.12	0.434	0.288	---	---	1
2	---	---	---	0 B	0.277	0.821	0.869	1.08	0.434	0.286	---	---	2
3	---	---	---	0 B	0.283	0.844	0.872	1.04	0.434	0.285	---	---	3
4	---	---	---	0 B	0.285	0.856	0.879	0.988	0.447	0.282	---	---	4
5	---	---	---	0 B	0.284	0.862	0.908	0.867	0.435	0.280	---	---	5
6	---	---	---	0 B	0.293	0.875	0.910	1.10	0.384	0.283	---	---	6
7	---	---	---	0 B	0.287	0.884	0.906	1.12	0.282	0.281	---	---	7
8	---	---	---	0 B	0.285	0.902	0.889	1.03	0.278	0.278	---	---	8
9	---	---	---	0 B	0.308	0.915	0.874	0.957	0.274	0.280	---	---	9
10	---	---	---	0 B	0.322	0.901	0.862	0.895	0.278	0.280	---	---	10
11	---	---	---	0 B	0.309	0.895	0.826	0.884	0.286	0.278	---	---	11
12	---	---	---	0 B	0.305	0.906	0.758	0.856	0.283	0.274	---	---	12
13	---	---	---	0 B	0.297	0.911	0.758	0.815	0.286	0.270	---	---	13
14	---	---	---	0 B	0.350	0.914	0.765	0.778	0.288	0.268	---	---	14
15	---	---	---	0 B	0.486	0.915	0.761	0.765	0.287	0.262	---	---	15
16	---	---	---	0 B	0.514	0.915	0.765	0.732	0.287	0.255	---	---	16
17	---	---	---	0 B	0.551	0.894	1.13	0.713	0.287	0.256	---	---	17
18	---	---	---	0.008	0.581	0.877	1.22	0.626	0.288	0.2288	---	---	18
19	---	---	---	0.008	0.588	0.858	1.23	0.580	0.284	0.1838	---	---	.9
20	---	---	---	0.008	0.591	0.862	1.24	0.545	0.288	0.2858	---	---	20
21	---	---	---	0.004	0.585	0.858	1.28	0.548	0.281	0.2008	---	---	21
22	---	---	---	0.003	0.575	0.875	1.29	0.558	0.282	0.2298	---	---	22
23	---	---	---	0.005	0.804	0.857	1.28	0.470	0.280	0.2318	---	---	23
24	---	---	---	0.008	0.817	0.870	1.22	0.442	0.282	0.2568	---	---	24
25	---	---	---	0.130	0.818	0.867	1.18	0.442	0.282	0.2758	---	---	25
26	---	---	---	0.222	0.814	0.867	1.08	0.440	0.282	0.1458	---	---	26
27	---	---	---	0.201	0.817	0.845	1.06	0.440	0.291	0 B	---	---	27
28	---	---	---	0.195	0.810	0.872	1.20	0.443	0.291	0 B	---	---	28
29	---	---	---	0.188	0.818	0.880	1.22	0.443	0.287	0 B	---	---	29
30	---		0B	0.222	0.686	0.905	1.25	0.438	0.285	0 B		---	30
31	---		0B		0.807		1.19	0.435		0 B		---	31
TOTAL	---	---	---	1.189	14.372	25.278	31.571	22.640	9.422	6.851	---	---	TOTAL
MEAN	---	---	---	0.040	0.484	0.878	1.02	0.730	0.314	0.215	---	---	MEAN
MAX	---	---	---	0.222	0.807	0.915	1.29	1.12	0.447	0.288	---	---	MAX
MIN	---	---	---	0	0.277	0.798	0.758	0.435	0.274	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.824
MAXIMUM DAILY, 1.29 ON JUL 22
MINIMUM DAILY, 0B ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 33 08 N
LONG 113 58 20 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 730
FEB	---	AUG	1 860
MAR	---	SEP	814
APR	104	OCT	575
MAY	1 240	NOV	---
JUN	2 270	DEC	---

TOTAL DISCHARGE, 9 880 dam³

HIGHWOOD RIVER AT DIEBEL'S RANCH - STATION NO. 05BL019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.41	1.558	2.80	22.0	18.8	5.72	3.09	2.99	---	---	1
2	---	---	1.40	1.558	2.65	18.0	16.3	5.60	3.07	3.03	---	---	2
3	---	---	1.40	1.488	2.86	17.3	14.9	5.49	3.02	3.23	---	---	3
4	---	---	1.408	1.46	2.80	16.7	14.2	5.24	2.97	3.43	---	---	4
5	---	---	1.40	1.48	2.83	17.8	13.8	5.55	2.78	3.63	---	---	5
6	---	---	1.408	1.52	2.78	19.7	13.5	6.40	2.81	3.48	---	---	6
7	---	---	1.43	1.51	2.78	21.1	12.8	5.77	3.02	3.39	---	---	7
8	---	---	1.43	1.53	3.08	24.2	11.8	5.32	2.83	3.34	---	---	8
9	---	---	1.44	1.53	3.58	24.8	11.1	5.00	2.86	3.37	---	---	9
10	---	---	1.43	1.53	3.40	22.2	10.7	4.76	2.92	3.38	---	---	10
11	---	---	1.448	1.50	3.35	22.6	10.5	4.69	2.94	3.36	---	---	11
12	---	---	1.448	1.49	3.21	24.7	10.6	4.52	3.10	3.34	---	---	12
13	---	---	1.458	1.50	3.48	28.4	10.2	4.33	3.15	3.29	---	---	13
14	---	---	1.458	1.55	4.92	28.2	9.70	4.19	3.05	3.23	---	---	14
15	---	---	1.458	1.76	5.08	31.4	9.19	4.03	2.91	3.12	---	---	15
16	---	---	1.468	2.40	18.4	30.8	8.81	3.84	2.78	3.13	---	---	16
17	---	---	1.48	4.30	14.1	27.8	8.58	3.72	2.67	3.08	---	---	17
18	---	---	1.438	4.84	12.1	24.9	8.38	3.75	2.61	2.90	---	---	18
19	---	---	1.40	4.42	12.3	23.6	8.08	3.68	2.70	2.84	---	---	19
20	---	---	1.42	4.03	13.6	22.1	7.78	3.82	2.87	2.958	---	---	20
21	---	---	1.47	4.28	11.8	26.9	7.91	3.65	3.34	2.978	---	---	21
22	---	---	1.63	4.95	10.4	25.0	7.44	3.49	3.30	2.838	---	---	22
23	---	---	1.58	4.41	10.7	25.0	6.91	3.33	3.24	2.988	---	---	23
24	---	---	1.57	3.68	10.1	26.1	6.49	3.26	3.04	2.748	---	---	24
25	---	---	1.56	3.34	9.83	25.9	6.28	3.21	3.14	2.738	---	---	25
26	---	---	1.55	3.07	9.55	24.8	6.11	3.09	3.03	2.838	---	---	26
27	---	1.488	1.56	3.01	9.38	24.8	6.13	3.18	2.89	2.688	---	---	27
28	---	1.44	1.548	2.84	9.58	24.3	6.50	3.74	2.80	2.008	---	---	28
29	---	1.438	1.53	2.64	13.0	24.3	6.45	3.38	2.87	1.378	---	---	29
30	---		1.548	2.55	24.7	22.6	6.40	3.21	2.83	1.358	---	---	30
31	---		1.548		30.4		6.01	3.17		1.308		---	31
TOTAL	---	---	45.48	77.70	271.14	715.1	302.56	132.32	88.82	89.78	---	---	TOTAL
MEAN	---	---	1.47	2.59	8.75	23.8	9.76	4.27	2.96	2.90	---	---	MEAN
MAX	---	---	1.57	4.95	30.4	31.4	18.8	6.40	3.34	3.63	---	---	MAX
MIN	---	---	1.40	1.48	2.80	16.7	6.01	3.09	2.81	1.30	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.03
MAXIMUM DAILY, 31.4 ON JUN 15
MINIMUM DAILY, 1.308 ON OCT 31
MAXIMUM INSTANTANEOUS,
35.6 AT 01:53 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 20 N
LONG 114 28 50 W
DRAINAGE AREA, 776 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26 100
FEB	---	AUG	11 400
MAR	3 930	SEP	7 670
APR	6 710	OCT	7 750
MAY	23 400	NOV	---
JUN	61 800	DEC	---

TOTAL DISCHARGE, 149 000 dam³

HIGHWOOD RIVER AT HIGH RIVER - STATION NO. 05BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.848	2.118	1.878	2.148	3.63	28.5	20.5	4.78	2.94	3.16	1.478	1.778	1
2	1.808	2.048	1.888	2.128	3.62	19.4	17.1	4.65	2.82	3.17	1.978	1.808	2
3	1.928	1.968	1.878	2.168	3.61	16.8	15.0	4.58	2.73	3.22	2.958	1.608	3
4	1.958	1.838	1.978	2.298	3.68	15.8	13.8	4.45	2.83	3.28	3.508	1.308	4
5	2.058	2.108	2.038	2.408	3.72	17.0	13.1	4.33	2.46	3.40	3.458	1.158	5
6	1.898	2.028	2.128	2.55	3.86	19.2	12.8	4.54	2.40	3.45	3.408	1.118	6
7	1.828	2.008	2.048	2.58	3.82	21.4	12.2	4.82	2.61	3.40	3.278	1.158	7
8	1.918	1.878	2.048	2.59	3.93	25.6	11.2	4.65	2.77	3.34	3.038	1.258	8
9	2.038	1.978	2.088	2.73	4.14	30.4	10.4	4.37	2.84	3.33	2.748	1.408	9
10	2.058	1.928	2.128	2.78	4.44	28.3	9.83	4.25	2.88	3.37	2.458	1.608	10
11	1.808	1.898	2.158	2.78	4.30	28.5	9.53	4.08	2.89	3.37	2.558	1.758	11
12	1.918	1.868	2.108	2.71	4.23	28.2	9.53	4.04	2.93	3.38	2.578	2.008	12
13	1.918	1.858	2.168	2.69	4.09	30.3	9.64	3.83	3.10	3.36	2.628	1.578	13
14	1.848	1.918	2.058	2.70	4.30	32.1	9.44	3.86	3.08	3.37	2.548	1.688	14
15	1.808	1.898	2.148	2.83	6.29	38.7	9.04	3.95	3.00	3.37	2.578	1.338	15
16	1.388	1.858	1.918	3.06	14.5	37.0	8.86	3.86	2.83	3.40	2.548	1.168	16
17	1.498	1.808	2.228	3.88	20.1	33.4	8.94	3.81	2.74	3.35	2.558	1.148	17
18	1.618	1.808	2.218	4.91	15.0	28.6	7.83	3.65	2.83	3.46	2.628	1.298	18
19	1.708	1.858	2.068	5.12	13.1	25.9	7.27	3.88	2.82	3.30 e	2.718	1.418	19
20	1.868	1.988	2.198	5.18	13.4	24.6	6.86	3.84	2.83	3.00 e	2.668	1.488	20
21	1.828	1.908	2.188	4.92	12.9	28.2	6.83	3.48	2.87	2.83 e	2.668	1.428	21
22	1.968	1.848	2.408	5.30	10.7	30.4	6.72	3.27	3.06	2.36 e	2.358	1.528	22
23	2.218	1.808	2.688	5.40	9.82	30.2	6.76	3.20	3.12	2.18 e	2.138	1.428	23
24	2.188	1.778	2.768	4.83	9.86	30.6	6.19	3.17	3.12	2.10 e	2.158	1.448	24
25	2.208	1.808	2.828	4.54	9.31	30.2	6.88	3.05	3.10	1.88 e	2.168	1.438	25
26	2.288	1.858	2.488	4.30	9.04	28.4	6.71	2.91	3.15	1.78 e	2.178	1.428	26
27	2.438	1.858	2.378	4.07	9.15	28.9	6.79	2.82	3.20	1.80 e	1.758	1.418	27
28	2.278	1.978	2.388	3.93	8.85	26.4	6.86	3.10	3.15	1.45 e	1.388	1.378	28
29	2.048	2.018	2.278	3.93	8.32	25.0	6.22	3.30	3.08	1.08 e	1.508	1.418	29
30	1.858		2.248	3.78	18.7	24.7	6.45	3.14	3.11	0.859e	1.748	1.388	30
31	1.848		2.208		34.3		6.15	3.02		0.859e		1.498	31
TOTAL	59.47	55.48	67.99	105.21	279.53	801.9	281.82	117.78	88.28	85.295	74.12	44.68	TOTAL
MEAN	1.92	1.91	2.19	3.51	9.02	26.7	9.09	3.80	2.88	2.75	2.47	1.44	MEAN
MAX	2.43	2.11	2.76	5.40	34.3	37.0	20.5	4.82	3.20	3.46	3.50	2.00	MAX
MIN	1.36	1.77	1.87	2.12	3.61	15.8	4.71	2.82	2.40	0.859	1.38	1.11	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.83
MAXIMUM DAILY, 37.0 ON JUN 16
MINIMUM DAILY, 0.859B ON OCT 30
MAXIMUM INSTANTANEOUS,
40.4 AT 11:30 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 113 52 20 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 140	JUL	24 300
FEB	4 790	AUG	10 200
MAR	5 870	SEP	7 450
APR	9 080	OCT	7 370
MAY	24 200	NOV	8 400
JUN	59 300	DEC	3 880

TOTAL DISCHARGE, 178 000 dam³

HIGHWOOD RIVER BELOW PICKLEJAR CREEK - STATION NO. 05BL021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.850B	5.57	5.45	1.84	1.04	0.938A	---	---	1
2	---	---	---	---	0.701	5.68	5.11	1.85	1.02	0.950	---	---	2
3	---	---	---	---	0.883	5.70	5.02	1.89	0.983	0.950	---	---	3
4	---	---	---	---	0.860B	5.55	5.75	1.85	0.980	1.02	---	---	4
5	---	---	---	---	0.847	5.23	5.81	2.50	0.918	1.02	---	---	5
6	---	---	---	---	0.882	7.12	5.48	2.51	0.991	1.03	---	---	6
7	---	---	---	---	0.898	8.05	5.23	2.11	0.883	1.05	---	---	7
8	---	---	---	---	0.753	8.69	4.87	1.87	0.845	0.977	---	---	8
9	---	---	---	---	0.778	7.78	4.64	1.72	0.940	0.998	---	---	9
10	---	---	---	---	0.757	8.89	4.36	1.66	0.948A	1.02	---	---	10
11	---	---	---	---	0.786	7.87	4.36	1.58	0.990E	1.02	---	---	11
12	---	---	---	---	0.738	9.49	4.32	1.52	1.02 E	0.996	---	---	12
13	---	---	---	---	0.886	10.7	4.12	1.48	1.05 E	1.01	---	---	13
14	---	---	---	---	1.29	11.5	3.81	1.42	1.00 E	0.974	---	---	14
15	---	---	---	---	2.33	9.01	3.57	1.36	0.800E	0.940	---	---	15
16	---	---	---	---	3.60	8.31	3.36	1.28	0.850E	0.922	---	---	16
17	---	---	---	---	3.21	7.28	3.25	1.28	0.800E	0.899	---	---	17
18	---	---	---	---	2.89	6.75	3.22	1.35	0.738E	0.8128	---	---	18
19	---	---	---	---	3.31	6.71	3.11	1.38	0.800E	0.800E	---	---	19
20	---	---	---	---	3.85	6.78	2.91	1.31	0.910E	0.770B	---	---	20
21	---	---	---	---	3.13	7.52	2.87	1.25	1.12 E	0.740B	---	---	21
22	---	---	---	---	2.88	7.06	2.53	1.18	1.15 E	0.720B	---	---	22
23	---	---	---	---	2.80	7.82	2.35	1.15	1.08 E	0.700B	---	---	23
24	---	---	---	---	2.58	8.63	2.26	1.15	1.06 E	0.679B	---	---	24
25	---	---	---	0.678B	2.69	8.97	2.30	1.10	1.04 E	0.672B	---	---	25
26	---	---	---	0.649B	2.58	8.72	2.34	1.07	1.02 E	0.620B	---	---	26
27	---	---	---	0.630B	2.60	8.84	2.50	1.28	1.00 E	0.500B	---	---	27
28	---	---	---	0.620B	2.85	8.40	2.49	1.27	0.980E	0.450B	---	---	28
29	---	---	---	0.630B	4.84	8.75	2.50	1.13	0.980E	0.385B	---	---	29
30	---		---	0.648B	10.6	7.34	2.35	1.10	0.950E	0.380B	---	---	30
31	---		---		9.87		2.11	1.07		0.375B		---	31
TOTAL	---	---	---	---	77 519	234.68	117.04	48.73	29 115	26.357	---	---	TOTAL
MEAN	---	---	---	---	2.50	7.82	3.78	1.51	0.971	0.818	---	---	MEAN
MAX	---	---	---	---	10.6	11.5	6.45	2.51	1.12	1.05	---	---	MAX
MIN	---	---	---	---	0.647	5.55	2.11	1.07	0.735	0.375	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 11.5 ON JUN 14
MINIMUM DAILY, 0.375B ON OCT 31
MAXIMUM INSTANTANEOUS,
16.7 AT 19:23 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 55 N
LONG 114 49 02 W
DRAINAGE AREA, 132 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 100
FEB	---	AUG	4 040
MAR	---	SEP	2 520
APR	---	OCT	2 190
MAY	5 700	NOV	---
JUN	20 300	DEC	---

TOTAL DISCHARGE, 45 900 dam³

HIGHWOOD RIVER NEAR ALDERSYDE - STATION NO. 05BL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.638	2.308	3.33	24.7	21.8	2.32	2.36	2.28	---	---	1
2	---	---	1.598	2.408	3.22	18.0	18.0	2.28	2.30	2.24	---	---	2
3	---	---	1.678	2.808	3.32	15.3	15.8	2.31	2.24	2.24	---	---	3
4	---	---	1.748	2.808	3.21	14.4	14.2	2.34	2.05	2.23	---	---	4
5	---	---	1.818	2.408	3.27	15.3	13.3	2.19	2.00	2.45	---	---	5
6	---	---	1.778	2.418	3.44	15.8	12.8	2.24	1.92	2.44	---	---	6
7	---	---	1.838	2.388	3.48	18.7	12.0	2.86	2.10	2.84	---	---	7
8	---	---	1.558	2.41	3.43	22.1	10.9	2.73	2.20A	2.53	---	---	8
9	---	---	1.658	2.80	3.54	26.6	9.70	2.66	2.23E	2.48	---	---	9
10	---	---	1.358	2.84	3.95	25.7	9.00	2.41	2.26E	2.47	---	---	10
11	---	---	1.308	2.63	3.99	23.9	8.46	2.45	2.25E	2.57	---	---	11
12	---	---	1.288	2.44	3.81	25.2	8.21	2.38	2.29E	2.62	---	---	12
13	---	---	1.288	2.27	3.61	26.6	8.17	2.27	2.45E	2.59	---	---	13
14	---	---	1.208	2.17	3.50	28.7	8.09	1.98	2.45E	2.85	---	---	14
15	---	---	1.158	2.24	4.48	31.7	7.59	2.32	2.37E	2.83	---	---	15
16	---	---	1.208	2.42	10.9	34.0	7.05	2.21	2.21E	2.51	---	---	16
17	---	---	1.248	3.13	16.2	32.2	6.28	2.03	2.12E	2.49	---	---	17
18	---	---	1.268	5.14	14.7	27.6	5.25	2.14	2.01E	2.40 B	---	---	18
19	---	---	1.318	5.84	12.6	25.1	4.69	2.33	1.90E	2.30 B	---	---	19
20	---	---	1.638	5.95	12.4	23.8	4.52	2.41	1.88E	2.20 B	---	---	20
21	---	---	1.808	5.58	12.6	24.7	4.56	2.37	2.22E	2.08 B	---	---	21
22	---	---	1.958	6.47	10.8	29.4	4.63	2.21	2.39E	1.90 B	---	---	22
23	---	---	2.318	8.01	9.68	29.1	3.95	2.05	2.48E	1.73 B	---	---	23
24	---	---	2.508	8.54	9.80	28.5	3.37	2.10	2.48E	1.44 B	---	---	24
25	---	---	3.388	8.90	9.38	29.4	2.94	1.85	2.44E	1.27 B	---	---	25
26	---	---	2.298	8.56	8.88	26.3	2.63	2.00	2.48E	1.27 B	---	---	26
27	---	---	2.468	8.16	9.06	28.6	2.53	1.80	2.61A	1.15 B	---	---	27
28	---	---	2.508	8.64	8.64	28.3	2.41	2.01	2.38	0.840B	---	---	28
29	---	---	2.608	8.74	8.53	25.0	2.78	2.82	2.21	0.600B	---	---	29
30	---		2.558	8.56	14.0	25.0	2.88	2.89	2.17	0.400B	---	---	30
31	---		2.378		27.1		3.75	2.47		0.287B		---	31
TOTAL	---	---	64.98	108.33	250.68	750.0	241.05	71.24	67.43	61.987	---	---	TOTAL
MEAN	---	---	1.77	3.54	8.09	25.0	7.78	2.30	2.25	2.00	---	---	MEAN
MAX	---	---	3.60	8.01	27.1	34.0	21.8	2.86	2.61	2.84	---	---	MAX
MIN	---	---	1.15	2.17	3.21	14.4	2.41	1.80	1.88	0.287	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 34.0 ON JUN 16

MAXIMUM INSTANTANEOUS,
35.7 AT 16:51 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 58 N
LONG 113 51 23 W
DRAINAGE AREA, 2 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 800
FEB	---	AUG	5 150
MAR	4 750	SEP	5 630
APR	9 150	OCT	5 360
MAY	21 700	NOV	---
JUN	64 800	DEC	---

HIGHWOOD RIVER NEAR THE MOUTH - STATION NO. 05BL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.698	2.508	1.768	4.038	5.07	40.5	32.4	5.31	4.05	4.88	0.8678	2.358	1
2	1.598	2.658	1.748	3.978	4.82	28.6	26.7	4.81	4.01	4.95	0.8638	2.358	2
3	1.648	2.318	1.708	3.788	4.82	24.8	23.4	5.03	3.98	5.03	0.9928	2.438	3
4	1.738	1.908	1.728	4.408	5.01	23.4	21.1	5.08	3.81	5.27	1.72 B	2.348	4
5	1.818	1.658	1.788	4.818	5.22	24.8	20.1	4.72	3.81	5.70	3.32 B	2.308	5
6	1.828	1.678	1.708	5.308	5.50	27.5	19.3	5.14	3.46	5.03	4.10 B	2.298	6
7	2.018	1.908	1.658	5.908	5.62	30.0	19.0	5.83	3.92	5.94	4.90 B	2.278	7
8	2.238	2.138	1.608	5.588	5.83	36.4	17.3 E	5.59	3.86	5.53	4.06 B	2.268	8
9	2.428	2.488	1.558	5.838	5.11	47.5	15.8 E	5.11	3.96	5.42	2.55 B	2.278	9
10	2.368	1.908	1.608	5.788	7.22	47.9	14.3 E	4.84	4.25	5.70	1.61 B	2.298	10
11	2.358	1.808	1.708	5.098	7.09	45.1	12.8 A	4.40	4.24	5.69	1.65 B	2.318	11
12	2.388	1.758	2.008	4.618	6.80	46.0	12.5	4.43	4.62	5.80	1.43 B	2.348	12
13	2.318	1.678	2.508	4.808	6.42	46.2	12.7	4.58	4.23	5.41	1.36 B	2.378	13
14	1.608	1.658	2.278	5.008	6.81	46.4	12.4	4.28	4.81	5.26	1.32 B	2.308	14
15	1.718	1.708	1.808	5.328	9.36	46.9	11.8	4.33	3.97	5.14	1.26 B	2.208	15
16	1.738	1.788	1.778	5.80	15.3	51.5	10.7	4.18	3.72	5.09 B	1.62 B	2.108	16
17	1.808	1.808	1.858	7.83	30.7	48.0	9.80	3.90	3.56	4.85 B	1.63 B	2.058	17
18	1.558	1.858	2.808	10.2	23.8	41.8	8.43	3.72	3.38	4.20 B	2.11 B	2.028	18
19	1.568	1.908	3.508	10.8	20.3	37.4	7.82	3.67	3.24	4.10 B	2.57 B	2.058	19
20	1.798	1.958	3.318	10.6	19.3	35.2	7.41	3.97	3.46	4.00 B	2.98 B	2.078	20
21	1.808	2.558	3.748	10.1	20.2	37.1	7.58	3.93	4.83	3.80 B	3.24 B	2.008	21
22	1.948	2.308	4.058	10.2	17.2	45.9	7.88	3.78	5.71	3.60 B	3.20 B	1.958	22
23	2.018	2.388	4.278	10.4	15.6	48.6	8.99	3.80	6.86	3.40 B	3.10 B	1.808	23
24	2.058	1.778	4.558	9.36	15.9	48.6	9.03	3.81	5.10	3.20 B	3.00 B	1.708	24
25	2.128	1.708	4.408	8.13	14.6	45.5	8.45	3.48	4.92	3.10 B	2.90 B	1.808	25
26	1.998	1.708	4.348	7.48	14.0	42.6	8.12	3.43	4.75	3.00 B	2.70 B	1.658	26
27	2.318	1.728	4.108	8.45	15.0	40.1	8.02	3.40	4.60	2.90 B	2.48 B	1.608	27
28	2.128	1.838	4.008	8.85	14.2	38.4	8.38	3.47	4.40	2.00 B	2.25 B	1.508	28
29	2.238	1.898	4.358	8.70	15.0	37.4	8.95	4.22	4.38	1.50 B	2.20 B	1.508	29
30	2.508		4.308	8.43	24.5	37.2	8.33	4.54	4.55	0.7588	2.26 B	1.518	30
31	2.508		4.248		48.8		8.10	4.17		0.3008		1.518	31
TOTAL	61.87	56.92	86.71	198.81	418.50	1 187.4	383.57	134.43	126.84	130.798	70.582	63.08	TOTAL
MEAN	2.00	1.96	2.80	6.62	13.5	39.9	12.4	4.34	4.23	4.22	2.35	2.03	MEAN
MAX	2.50	2.65	4.55	10.8	48.8	51.5	32.4	5.83	6.71	5.03	4.90	2.43	MAX
MIN	1.55	1.65	1.55	3.78	4.82	23.4	8.02	3.40	3.24	0.300	0.887	1.50	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.00
MAXIMUM DAILY, 51.5 ON JUN 16
MINIMUM DAILY, 0.3008 ON OCT 31
MAXIMUM INSTANTANEOUS,
54.9 AT 16:58 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 113 48 13 W
DRAINAGE AREA, 3 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 350	JUL	33 100
FEB	4 920	AUG	11 600
MAR	7 490	SEP	11 000
APR	17 200	OCT	11 300
MAY	36 200	NOV	6 100
JUN	103 000	DEC	5 450

TOTAL DISCHARGE, 253 000 dam³

HILDA LAKE NEAR COLD LAKE - STATION NO. 05AC003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	547.057	---	546.987	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	546.884	---	---	2
3	---	---	---	546.972	546.980	547.062	---	546.978	---	---	---	---	3
4	---	---	---	---	---	---	547.008	---	---	---	---	---	4
5	---	---	---	---	546.977	---	547.005	---	---	---	---	---	5
6	---	---	---	---	---	547.056	---	546.972	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	546.878	---	7
8	---	---	---	---	546.977	---	---	---	---	546.866	---	---	8
9	---	---	---	---	---	---	---	546.957	546.890	---	---	---	9
10	---	---	---	---	---	---	547.015	---	---	---	---	---	10
11	---	---	---	---	---	---	547.015	---	---	---	---	---	11
12	---	---	---	---	546.975	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	546.952	---	---	---	---	13
14	---	---	546.956	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	546.965	---	---	---	546.883	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	546.922	---	546.886	---	---	17
18	---	---	---	---	546.990	547.069	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	547.002	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	547.045	---	---	---	---	---	---	---	22
23	---	---	---	---	---	547.052	546.992	---	---	---	---	---	23
24	---	---	---	---	547.050	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	547.040	546.989	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	547.052	---	546.987	---	---	---	---	---	28
29	---	---	---	---	---	---	---	546.956	---	---	---	---	29
30	---		---	---	---	547.010	---	---	---	---	---	---	30
31	---		546.966		547.055		---			---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 31 20 N
LONG 110 24 55 W

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
78.8 km²

MINES CREEK ABOVE GERRY LAKE - STATION NO. 07FD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0828	0.153	2.07	11.5	0.024	0.012	0.016	0.0058	---	1
2	---	---	0 B	0.0870	0.283	1.78	11.0	0.021	0.009	0.016	---	---	2
3	---	---	0 B	0.1348	0.128	1.51	11.8	0.035	0.017	0.017	---	---	3
4	---	---	0 B	0.1018	0.086	1.26	9.30	0.024	0.014	0.035	---	---	4
5	---	---	0 B	0.1598	0.111	1.23	5.39	0.077	0.008	0.055	---	---	5
6	---	---	0 B	0.1848	0.271	1.86	4.52	0.028	0.010	0.085	---	---	6
7	---	---	0 B	0.1018	0.075	3.22	3.89	0.057	0.008	0.067	---	---	7
8	---	---	0 B	0.0958	0.187	4.63	2.86	0.016	0.010	0.073	---	---	8
9	---	---	0 B	0.1148	0.101	4.87	2.59	0.008	0.008	0.082	---	---	9
10	---	---	0 B	0.0818	0.134	4.32	2.15	0	0.027	0.081	---	---	10
11	---	---	0 B	0.1478	0.218	3.58	1.82	0	0.144	0.054	---	---	11
12	---	---	0 B	0.2188	0.085	2.76	1.59	0.004	0.152	0.071	---	---	12
13	---	---	0 B	0.2728	0.182	2.17	1.22	0.002	0.172	0.083	---	---	13
14	---	---	0 B	0.2218	0.343	1.75	1.03	0.003	0.151	0.088	---	---	14
15	---	---	0 B	0.4408	0.223	1.30	0.875	0.004	0.171	0.120	---	---	15
16	---	---	0 B	0.4588	0.581	1.21	0.741	0.005	0.088	0.095	---	---	16
17	---	---	0 B	0.5028	0.801	0.863	0.602	0.005	0.066	0.135	---	---	17
18	---	---	0 B	0.661	3.41	0.767	0.750	0.00 :	0.070	0.140	---	---	18
19	---	---	0 B	0.720	3.71	0.659	0.567	0.00	0.081	0.106	---	---	19
20	---	---	0 B	0.584	4.32	0.602	0.473	0.005	0.054	0.109	---	---	20
21	---	---	0 B	0.525	28.4	0.559	0.401	0.004	0.050	0.095	---	---	21
22	---	---	0 B	0.382	34.8	0.536	0.361	0.004	0.042	0.102	---	---	22
23	---	---	0 B	0.312	27.2	0.561	0.311	0	0.033	0.144	---	---	23
24	---	---	0 B	0.356	19.8	0.507	0.269	0.004	0.051	0.145	---	---	24
25	---	---	0.0018	0.378	13.0	0.408	0.221	0	0.082	0.145	---	---	25
26	---	---	0.0108	0.452	6.03	0.473	0.215	0.005	0.021	0.148	---	---	26
27	---	---	0.0858	0.381	7.23	0.290	0.134	0.007	0.026	0.0978	---	---	27
28	---	---	0.1118	0.305	5.17	0.187	0.138	0.007	0.025	0.0468	---	---	28
29	---	---	0.1108	0.253	3.43	0.154	0.172	0.005	0.018	0.0358	---	---	29
30	---	---	0.1858	0.210	2.86	2.08	0.082	0.008	0.015	0.0238	---	---	30
31	---	---	0.2748		2.40		0.033	0.008		0.0158			31
TOTAL	---	---	0.775	8.892	185.530	48.258	75.992	0.380	1.808	2.468	---	---	TOTAL
MEAN	---	---	0.025	0.300	5.34	1.61	2.48	0.012	0.054	0.080	---	---	MEAN
MAX	---	---	0.274	0.720	34.8	4.87	11.8	0.077	0.172	0.148	---	---	MAX
MIN	---	---	0	0.081	0.075	0.154	0.033	0	0.008	0.015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 34.8 ON MAY 22
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
44.8 AT 09:00 MST ON MAY 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 20 03 N
LONG 118 15 46 W
DRAINAGE AREA, 374 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 850
FEB	---	AUG	32.8
MAR	87.0	SEP	139
APR	777	OCT	215
MAY	14 300	NOV	---
JUN	4 170	DEC	---

TOTAL DISCHARGE, 26 400 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

MINES CREEK NEAR FAIRVIEW - STATION NO 07FD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.86 B	0.448	10.3	1.88	0.818	0.013	0.058	---	---	1
2	---	---	0 B	2.82 B	0.414	10.2	1.86	0.580	0.018	0.050	---	---	2
3	---	---	0 B	3.29 B	0.370	8.70 E	4.26	0.568	0.018	0.048	---	---	3
4	---	---	0 B	2.90 B	0.302	7.20	12.6	0.558	0.020	0.048	---	---	4
5	---	---	0 B	1.85 B	0.280	6.45	6.07	0.422	0.023	0.047E	---	---	5
6	---	---	0 B	2.98	0.222	5.45	8.01	0.328	0.074	0.045	---	---	6
7	---	---	0 B	1.78	0.108	4.32	5.99	0.310	0.084	0.045	---	---	7
8	---	---	0 B	3.10	0.038	5.17	6.73	0.288	0.066	0.055E	---	---	8
9	---	---	0 B	1.91 E	0.035E	5.37	6.80	0.250	0.072	0.064	---	---	9
10	---	---	0 B	0.724	0.032	5.03	6.40	0.202	0.047	0.064	---	---	10
11	---	---	0 B	0.778	0.024	5.88	6.13	0.140	0.040	0.043	---	---	11
12	---	---	0 B	0.730	0.018	5.83	5.91	0.096	0.035	0.025	---	---	12
13	---	---	0 B	0.688	0.014	5.75	5.65	0.088	0.032	0.025	---	---	13
14	---	---	0 B	0.448	0.018	4.88 E	5.23	0.068	0.029E	0.025	---	---	14
15	---	---	0 B	0.378	0.026	4.01	4.97	0.062	0.028	0.025	---	---	15
16	---	---	0 B	0.270	0.102	3.97	4.23	0.038	0.023	0.033	---	---	16
17	---	---	0 B	0.354	0.282	3.10 E	2.88	0.023	0.023E	0.060	---	---	17
18	---	---	0 B	0.384E	1.04	2.24	1.96	0.018	0.022	0.084	---	---	18
19	---	---	0 B	0.354	2.15	1.71	1.89	0.015E	0.022	0.078	---	---	19
20	---	---	0 B	0.350	5.39	1.02	1.87	0.013	0.025	0.085	---	---	20
21	---	---	0.0018	0.348	22.8	1.21	1.84	0.011	0.030	0.094	---	---	21
22	---	---	0.0108	0.350	28.5	1.18	1.68	0.010	0.037	0.098	---	---	22
23	---	---	0.0258	0.486E	40.7	1.15	1.29	0.008	0.035	0.0908	---	---	23
24	---	---	0.0508	0.622	52.2	1.08	1.13	0.005	0.034	0.1008	---	---	24
25	---	---	0.1808	0.712	46.8	1.06	1.19	0.004	0.033	0.0788	---	---	25
26	---	---	0.4068	0.670	30.5	1.19	0.940E	0.003	0.030	0.0828	---	---	26
27	---	---	1.578	0.604	24.5	0.968	0.740E	0.003	0.028	0.0508	---	---	27
28	---	---	1.678	0.648	19.4	0.934	0.650E	0.015	0.025	0.0308	---	---	28
29	---	---	1.628	0.592	14.8	1.02	0.592	0.013E	0.026	0.0118	---	---	29
30	---	---	2.288	0.528	13.4	1.88	0.884	0.012	0.024	0.0108	---	---	30
31	---	---	2.668		11.2		0.848	0.011		0.0088		---	31
TOTAL	---	---	10.682	34.552	317.321	119.040	109.882	4.750	0.993	1.823	---	---	TOTAL
MEAN	---	---	0.344	1.15	10.2	3.97	3.54	0.153	0.033	0.052	---	---	MEAN
MAX	---	---	2.66	3.29	52.2	10.3	12.6	0.818	0.074	0.100	---	---	MAX
MIN	---	---	0	0.270	0.014	0.934	0.592	0.003	0.013	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.44
MAXIMUM DAILY, 52.2 ON MAY 24
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
52.3 AT 14:00 MST ON MAY 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 04 05 N
LONG 118 38 35 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 490
FEB	---	AUG	610
MAR	921	SEP	85.8
APR	2 990	OCT	140
MAY	27 400	NOV	---
JUN	10 300	DEC	---

TOTAL DISCHARGE, 51 700 dam³

HORSE CREEK NEAR VALLEYVIEW - STATION NO. 07GF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0078	0.058	0.033	0.014	0	0.001	0.005	---	---	1
2	---	---	---	0.0068	0.054	0.027	0.008	0.001	0.001	0.005	---	---	2
3	---	---	---	0.0068	0.054	0.023	0.006	0.001	0	0.006	---	---	3
4	---	---	---	0.0078	0.047	0.022	0.005	0.001	0	0.006	---	---	4
5	---	---	---	0.0068	0.038	0.026	0.005	0	0	0.005	---	---	5
6	---	---	---	0.0048	0.038	0.043	0.005	0	0.008	0.005	---	---	6
7	---	---	---	0.0058	0.034	0.058	0.006	0	0.018	0.005	---	---	7
8	---	---	---	0.0048	0.029	0.110	0.005	0	0.014	0.005	---	---	8
9	---	---	---	0.0038	0.046	0.084	0.005	0	0.011	0.004	---	---	9
10	---	---	---	0.0038	0.083	0.077	0.004	0	0.010	0.004	---	---	10
11	---	---	---	0.0038	0.058	0.061	0.003	0	0.014	0.004	---	---	11
12	---	---	---	0.0028	0.083	0.047	0.003	0.001	0.021	0.004	---	---	12
13	---	---	---	0.0028	0.056	0.037	0.003	0.001	0.016	0.004	---	---	13
14	---	---	---	0.0038	0.051	0.026	0.002	0.001	0.015	0.008	---	---	14
15	---	---	---	0.0038	0.056	0.022	0.002	0.001	0.014	0.008	---	---	15
16	---	---	---	0.0048	0.258	0.020	0.002	0	0.012	0.008	---	---	16
17	---	---	---	0.0058	0.637	0.017	0.001	0	0.014	0.0078	---	---	17
18	---	---	---	0.0048	0.398	0.013	0.001	0	0.010	0.0088	---	---	18
19	---	---	0.8	0.0048	0.250	0.010	0.001	0	0.008	0.0088	---	---	19
20	---	---	0.0018	0.0108	0.174	0.009	0.001	0.001	0.007	0.0088	---	---	20
21	---	---	---	0.0258	0.191	0.008	0.001	0.001	0.007	0.0078	---	---	21
22	---	---	0.0048	0.0088	0.210	0.008	0.001	0	0.008	0.0078	---	---	22
23	---	---	---	0.0088	0.177	0.005	0.001	0	0.005	0.0088	---	---	23
24	---	---	---	0.0118	0.144	0.004	0.001	0	0.005	0.0138	---	---	24
25	---	---	---	0.0218	0.110	0.004	0.001	0	0.006	0.0248	---	---	25
26	---	---	0.0058	0.0308	0.082	0.003	0.001	0	0.006	0.0188	---	---	26
27	---	---	---	0.0448	0.066	0.004	0	0	0.006	0.0168	---	---	27
28	---	---	0.0058	0.061	0.052	0.003	0	0.001	0.006	0.0148	---	---	28
29	---	---	---	0.069	0.050	0.006	0	0	0.005	0.0118	---	---	29
30	---		0.0078	0.083	0.043	0.023	0	0	0.006	0.0088	---	---	30
31	---		---		0.037		0	0		0.0058		---	31
TOTAL	---	---	---	0.431	3.632	0.845	0.086	0.010	0.253	0.254	---	---	TOTAL
MEAN	---	---	---	0.014	0.117	0.028	0.003	0	0.008	0.008	---	---	MEAN
MAX	---	---	---	0.069	0.637	0.110	0.014	0.001	0.021	0.024	---	---	MAX
MIN	---	---	---	0.002	0.029	0.003	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.637 ON MAY 17
MINIMUM DAILY, 0.0 ON MAR 19
MAXIMUM INSTANTANEOUS,
0.735 AT 05:26 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 19 N
LONG 117 48 47 W
DRAINAGE AREA, 4.27 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.50
FEB	---	AUG	0.88
MAR	---	SEP	21.9
APR	37.2	OCT	21.9
MAY	314	NOV	---
JUN	73.0	DEC	---

HOUSE RIVER AT HIGHWAY NO. 63 - STATION NO. 07CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4518	1.208	2.88	12.4	7.47	3.10	1.88	2.81	2.488	---	1
2	---	---	0.4518	1.608	2.81	17.5	7.08	2.80	1.88	2.58	2.468	---	2
3	---	---	0.4518	1.968	2.47	23.3	6.79	2.75	2.07	2.55	2.428	---	3
4	---	---	0.4518	2.358	2.43	23.6	6.47	2.72	2.12	2.54	2.398	---	4
5	---	---	0.4518	2.158	2.30	23.1	6.18	2.70	2.08	2.55	2.378	---	5
6	---	---	0.4518	2.008	2.19	23.5	6.18	2.79	2.06	2.53	2.358	---	6
7	---	---	0.4518	2.088	2.11	23.5	7.68	2.60	2.76	2.48	---	---	7
8	---	---	0.4518	2.238	2.06	23.1	8.31	2.64	4.01	2.43	---	---	8
9	---	---	0.4518	2.408	2.07	22.4	10.5	2.58	5.05	2.41	---	---	9
10	---	---	0.4518	2.708	1.98	21.5	11.4	2.46	5.78	2.37	---	---	10
11	---	---	0.4518	2.868	1.96	20.5	11.8	2.37	6.32	2.34	---	---	11
12	---	---	0.4518	3.008	1.96	19.4	11.9	2.23	6.44	2.44	---	---	12
13	---	---	0.4518	4.008	1.94	18.8	11.6	2.14	6.30	2.77	---	---	13
14	---	---	0.4518	5.008	1.95	17.8	11.2	2.10	5.92	3.18	---	---	14
15	---	---	0.4518	4.84	1.95	16.8	10.7	2.04	5.52	3.38	---	---	15
16	---	---	0.4518	4.48	2.08	15.5	10.2	1.98	5.14	3.51	---	---	16
17	---	---	0.4518	3.84	2.24	14.5	9.59	1.93	4.88	3.54	---	---	17
18	---	---	0.4518	3.34	2.88	13.6	9.01	1.85	4.61	3.25	---	---	18
19	---	---	0.4588	3.74	3.82	12.9	8.38	1.85	4.20	5.40	---	---	19
20	---	---	0.4858	3.81	4.86	12.7	7.75	1.80	3.92	6.48	---	---	20
21	---	---	0.4708	3.87	6.91	12.3	7.19	1.55	3.68	6.82	---	---	21
22	---	---	0.4758	3.82	8.95	11.8	6.65	1.50	3.37	6.47	---	---	22
23	---	---	0.4858	3.68	9.87	11.3	8.25	1.40	3.21	6.36	---	---	23
24	---	---	0.4958	3.40	10.4	10.9	5.74	1.33	3.08	6.028	---	---	24
25	---	---	0.5088	3.33	10.6	10.4	5.30	1.24	3.03	5.858	---	---	25
26	---	---	0.5308	3.11	10.4	9.84	4.92	1.15	2.95	5.508	---	---	26
27	---	---	0.5558	2.98	10.1	9.40	4.57	1.14	2.87	5.258	---	---	27
28	---	---	0.5508	2.87	9.82	8.88	4.18	1.27	2.80	5.008	---	---	28
29	---	---	0.6408	2.72	9.46	8.40	3.88	1.47	2.73	4.758	---	---	29
30	---		0.7508	2.65	9.02	7.90	3.60	1.58	2.68	4.658	---	---	30
31	---		0.8008		9.02		3.33	1.62		4.558		---	31
TOTAL	---	---	15.439	93.02	153.11	476.92	236.82	62.65	113.05	107.40	---	---	TOTAL
MEAN	---	---	0.498	3.10	4.84	15.9	7.64	2.02	3.77	3.46	---	---	MEAN
MAX	---	---	0.800	6.00	10.6	23.6	11.9	3.10	6.44	6.82	---	---	MAX
MIN	---	---	0.451	1.20	1.94	7.90	3.33	1.14	1.68	2.34	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.14
MAXIMUM DAILY, 23.6 ON JUN 4
MINIMUM DAILY, 0.451B ON MAR 1
MAXIMUM INSTANTANEOUS,
24.1 AT 15:55 MST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 30 N
LONG 112 09 25 W
DRAINAGE AREA, 784 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 500
FEB	---	AUG	5 410
MAR	1 330	SEP	9 770
APR	6 040	OCT	9 280
MAY	13 200	NOV	---
JUN	41 200	DEC	---

TOTAL DISCHARGE, 105 000 dam³

HUTCH LAKE TRIBUTARY NEAR HIGH LEVEL - STATION NO. 07OB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.012	0.101	1.17	0.061	0.081	0.083	0.0288	---	1
2	---	---	0 B	0.0068	0.010	0.118	1.26	0.034	0.144	0.100	---	---	2
3	---	---	0 B	0.0078	0.011	0.137	1.43	0.025	0.122	0.093	---	---	3
4	---	---	0 B	0.0078	0.011	0.137	1.54	0.019	0.118	0.100	---	---	4
5	---	---	0 B	0.0078	0.009	0.142	1.52	0.015	0.135	0.083	---	---	5
6	---	---	0 B	0.0068	0.011	0.182	1.41	0.042	0.142	0.088	---	---	6
7	---	---	0 B	0.0068	0.015	0.185	1.34	0.004	0.134	0.090	---	---	7
8	---	---	0 B	0.0068	0.017	0.185	1.28	0.003	0.130	0.084	---	---	8
9	---	---	0 B	0.0058	0.015	0.187	1.18	0.003	0.125	0.113	---	---	9
10	---	---	0 B	0.0048	0.023	0.181	1.11	0.005	0.120	0.114	---	---	10
11	---	---	0 B	0.0058	0.022	0.155	1.03	0.008	0.113	0.110	---	---	11
12	---	---	0 B	0.0058	0.018	0.133	0.963	0.010	0.102	0.105	---	---	12
13	---	---	0 B	0.0068	0.016	0.114	0.869	0.008	0.099	0.102	---	---	13
14	---	---	0 B	0.0068	0.013	0.172	0.838	0.007	0.105	0.098	---	---	14
15	---	---	0 B	0.0078	0.014	0.134	0.770	0.008	0.102	0.048	---	---	15
16	---	---	0 B	0.0078	0.018	0.103	0.709	0.008	0.095	0.050	---	---	16
17	---	---	0 B	0.0078	0.055	0.051	0.661	0.009	0.091	0.0528	---	---	17
18	---	---	0 B	0.0708	0.041	0.018	0.598	0.008	0.083	0.0588	---	---	18
19	---	---	0 B	0.042A	0.042	0.030	0.548	0.008	0.085	0.0888	---	---	19
20	---	---	0 B	0.048	0.052	0.036	0.518	0.008	0.078	0.0838	---	---	20
21	---	---	0 B	0.034	0.033	0.108	0.481	0.007	0.072	0.0508	---	---	21
22	---	---	0 B	0.031	0.075	0.057	0.433	0.007	0.064	0.0908	---	---	22
23	---	---	0.0018 B	0.028	0.079	0.038	0.383	0.008	0.072	0.0788	---	---	23
24	---	---	0.0018 B	0.023	0.072	0.037	0.351	0.009	0.084	0.1378	---	---	24
25	---	---	0.0018 B	0.029	0.058	0.030	0.325	0.005	0.082	0.0958	---	---	25
26	---	---	0.0018 B	0.026	0.042	0.027	0.301	0.007	0.081	0.0828	---	---	26
27	---	---	0.0018 B	0.022	0.057	0.026	0.288	0.010	0.084	0.0738	---	---	27
28	---	---	0.0018 B	0.020	0.073	0.018	0.218	0.009	0.083	0.0698	---	---	28
29	---	---	0.0018 B	0.017	0.078	0.011	0.177	0.021	0.084	0.0588	---	---	29
30	---	---	0.0028 B	0.014	0.081	0.009	0.132	0.021	0.082	0.0478	---	---	30
31	---	---	0.0038 B		0.080		0.091	0.033		0.0378			31
TOTAL	---	---	0.012	0.513	1.148	3.555	23.678	0.630	2.972	2.810	---	---	TOTAL
MEAN	---	---	0	0.017	0.037	0.119	0.770	0.014	0.099	0.084	---	---	MEAN
MAX	---	---	0.003	0.070	0.080	0.809	1.54	0.081	0.144	0.137	---	---	MAX
MIN	---	---	0	0.004	0.008	0.011	0.091	0.003	0.081	0.037	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.143
MAXIMUM DAILY, 1.54 ON JUL 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.55 AT 05 30 MST ON JUL 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 43 05 N
LONG 117 14 27 W
DRAINAGE AREA, 103 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 060
FEB	---	AUG	37.2
MAR	1 04	SEP	257
APR	46.3	OCT	226
MAY	98.3	NOV	---
JUN	307	DEC	---

TOTAL DISCHARGE, 3 030 dam³

ISSEGUN RIVER NEAR LITTLE SMOKY - STATION NO 07OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6068	2.008	12.5	23.3	7.38	0.854	1.40	8.85	---	---	1
2	---	---	0.6408	1.818	12.0	21.7	6.34	0.874	1.22	8.63	---	---	2
3	---	---	0.6898	1.858	11.6	19.8	7.39	0.823	1.08	7.93	---	---	3
4	---	---	0.6458	1.948	14.4	16.2	6.46	0.812	1.05	7.57	---	---	4
5	---	---	0.6808	2.248	24.1	17.1	5.70	0.731	1.10	7.24	---	---	5
6	---	---	0.7128	2.038	28.6	17.4	5.33	0.714	1.88	6.86	---	---	6
7	---	---	0.7818	4.548	23.8	22.7	5.18	0.670	2.63	6.41	---	---	7
8	---	---	0.8518	8.168	20.6	46.7	5.20	0.547	11.8	6.05	---	---	8
9	---	---	0.8118	6.448	20.6	59.8	5.32	0.563	13.3	5.40	---	---	9
10	---	---	0.7048	7.388	39.4	48.7	5.22	0.633	11.7	5.40	---	---	10
11	---	---	0.6.38	7.628	58.1	37.9	4.85	0.638	10.6	4.94	---	---	11
12	---	---	0.6048	8.038	60.0	30.3	4.34	0.857	10.8	4.85	---	---	12
13	---	---	0.7808	8.638	61.8	26.4	4.62	0.887	12.4	4.41	---	---	13
14	---	---	0.8268	8.638	34.8	23.2	4.74	1.10	13.1	4.58	---	---	14
15	---	---	0.8708	8.91	30.8	20.4	4.38	1.43	12.0	4.84	---	---	15
16	---	---	0.8748	10.8	41.5	18.1	3.88	3.18	10.7	5.50A	---	---	16
17	---	---	0.9878	14.0	104	15.5	3.07	2.76	9.71	5.80B	---	---	17
18	---	---	1.10 B	15.1	142	15.4	2.84	2.04	9.41	5.60B	---	---	18
19	---	---	1.28 B	15.4	117	14.1	2.08	1.84	8.84	4.20B	---	---	19
20	---	---	1.43 B	14.8	83.2	13.1	1.83	1.48	10.2	5.50B	---	---	20
21	---	---	1.87 B	14.5	70.8	12.3	1.78	1.28	11.0	5.80B	---	---	21
22	---	---	1.80 B	14.7	67.2	11.2	1.65	1.85	14.5	6.10B	---	---	22
23	---	---	1.86 B	14.8	58.7	10.1	1.66	3.27	17.8	6.60B	---	---	23
24	---	---	1.97 B	15.4	60.4	9.23	1.63	2.26	17.0	7.60E	---	---	24
25	---	---	1.81 B	14.2	51.8	8.10	1.56	1.73	15.3	8.80E	---	---	25
26	---	---	1.43 B	14.5	43.7	7.26	1.46	1.52	14.1	8.90B	---	---	26
27	---	---	1.30 B	15.5	37.7	6.87	1.32	1.38	12.8	7.20B	---	---	27
28	---	---	1.48 B	15.2	33.0	6.26	1.16	1.27	11.9	6.60B	---	---	28
29	---	---	1.60 B	14.7	28.9	5.16	1.15	1.20	10.4	6.70B	---	---	29
30	---	---	1.77 B	13.8	27.3	8.76	1.08	1.22	9.85	8.65B	---	---	30
31	---	---	1.78 B		25.2		1.01	1.40		8.80B			31
TOTAL	---	---	34.630	294.31	1 438.5	558.12	113.14	41.843	289.87	187.47	---	---	TOTAL
MEAN	---	---	1.13	9.81	46.3	19.9	3.65	1.35	9.66	6.37	---	---	MEAN
MAX	---	---	1.97	15.5	143	59.8	8.34	3.27	17.8	8.95	---	---	MAX
MIN	---	---	0.606	1.85	11.6	6.14	1.01	0.547	1.05	4.30	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 143 ON MAY 18
MINIMUM DAILY, 0.547 ON AUG 8
MAXIMUM INSTANTANEOUS,
151 AT 10:00 MST ON MAY 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 44 43 N
LONG 117 05 04 W
DRAINAGE AREA, 1 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 780
FEB	---	AUG	3 620
MAR	3 690	SEP	25 000
APR	25 400	OCT	17 100
MAY	134 000	NOV	---
JUN	51 700	DEC	---

TOTAL DISCHARGE, 260 000 dam³

IRON CREEK NEAR HARDISTY - STATION NO. 05FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0308	3.29 B	0.271	0.163	0.114	0.018	0.012	0.025	0.0058	---	1
2	---	---	0.0408	4.29 B	0.272	0.158	0.105	0.015	0.010	0.020	0.0058	---	2
3	---	---	0.0508	4.64 B	0.228	0.158	0.088	0.014	0.009	0.017	0.0058	---	3
4	---	---	0.0708	4.12 B	0.205	0.161	0.089	0.013	0.008	0.017	0.0058	---	4
5	---	---	0.0808	3.40 B	0.200	0.200	0.081	0.014	0.008	0.017	0.0058	---	5
6	---	---	0.0808	2.88 B	0.197	0.238	0.078	0.015	0.007	0.015	0.0058	---	6
7	---	---	0.0408	3.30 B	0.208	0.302	0.077	0.014	0.008	0.013	---	---	7
8	---	---	0.0108	2.93	0.216	0.347	0.073	0.014	0.011	0.012	---	---	8
9	---	---	0.0408	1.78	0.254	0.382	0.068	0.013	0.012	0.012	---	---	9
10	---	---	0.0808	1.53	0.221	0.478	0.143	0.013	0.011	0.011	---	---	10
11	---	---	0.0708	1.40	0.192	0.778	0.188	0.012	0.010	0.010	---	---	11
12	---	---	0.0408	1.24	0.176	0.922	0.183	0.010	0.011	0.010	---	---	12
13	---	---	0.0408	1.06	0.193	1.35	0.157	0.010	0.009	0.009	---	---	13
14	---	---	0.0288	0.924	0.177	1.25	0.136	0.008	0.012	0.007	---	---	14
15	---	---	0.0308	0.810	0.163	1.15	0.105	0.008	0.008	0.007	---	---	15
16	---	---	0.0308	0.767	0.156	1.36	0.094	0.008	0.007	0.0068	---	---	16
17	---	---	0.0308	0.851	0.148	1.28	0.078	0.010	0.008	0.0088	---	---	17
18	---	---	0.0408	0.854	0.187	1.18	0.088	0.010	0.006	0.0118	---	---	18
19	---	---	0.0508	0.890	0.384	1.12	0.086	0.005	0.003	0.0108	---	---	19
20	---	---	0.0408	0.703	0.418	0.937	0.068	0.007	0.004	0.0108	---	---	20
21	---	---	0.0708	0.681	0.381	0.822	0.060	0.005	0.008	0.0108	---	---	21
22	---	---	0.0408	0.585	0.295	0.831	0.033	0.005	0.031	0.0068	---	---	22
23	---	---	0.0908	0.622	0.270	0.718	0.031	0.005	0.036	0.0078	---	---	23
24	---	---	0.1308	0.613	0.458	0.807	0.025	0.007	0.031	0.0078	---	---	24
25	---	---	0.1908	0.580	0.404	0.801	0.021	0.008	0.026	0.0068	---	---	25
26	---	---	0.2148	0.526	0.327	0.625	0.022	0.011	0.035	0.0088	---	---	26
27	---	---	0.5718	0.462	0.260	0.328	0.022	0.011	0.035	0.0078	---	---	27
28	---	---	1.21 B	0.424	0.237	0.252	0.023	0.012	0.027	0.0078	---	---	28
29	---	---	1.00 B	0.370	0.237	0.183	0.020	0.014	0.024	0.0088	---	---	29
30	---	---	1.42 B	0.340	0.233	0.134	0.017	0.015	0.024	0.0088	---	---	30
31	---	---	2.54 B		0.178		0.016	0.012		0.0298		---	31
TOTAL	---	---	8.901	44.442	7.611	18.972	2.299	0.342	0.428	0.432	---	---	TOTAL
MEAN	---	---	0.274	1.48	0.252	0.632	0.074	0.011	0.014	0.014	---	---	MEAN
MAX	---	---	2.54	4.64	0.458	1.35	0.188	0.015	0.036	0.035	---	---	MAX
MIN	---	---	0.028	0.340	0.148	0.134	0.017	0.005	0.003	0.006	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.340
MAXIMUM DAILY, 4.640 ON APR 3
MINIMUM DAILY, 0.003 ON SEP 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 42 28 N
LONG 111 18 36 W
DRAINAGE AREA, 3 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	198
FEB	---	AUG	39.5
MAR	734	SEP	36.8
APR	3 840	OCT	37.3
MAY	675	NOV	---
JUN	1 640	DEC	---

TOTAL DISCHARGE, 7 190 dam³

IRON CREEK NEAR VIKING - STATION NO. 05FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.293	0.001	0	0	0.003	0	0	0	---	1
2	---	---	0 B	0.170	0.001	0	0	0.003	0	0	0	---	2
3	---	---	0 B	0.088	0.001	0	0	0.043	0	0	0	---	3
4	---	---	0 B	0.057	0.001	0	0	0.049	0	0	0	---	4
5	---	---	0 B	0.054	0.001	0	0	0.035	0	0	0	---	5
6	---	---	0 B	0.044	0.001	0.002	0	0.014	0	0	0	---	6
7	---	---	0 B	0.047	0.001	0.001	0	0.017	0	0	0A	---	7
8	---	---	0 B	0.036	0	0.025	0	0.010	0	0	---	---	8
9	---	---	0 B	0.036	0	0.232	0	0.005	0	0	---	---	9
10	---	---	0 B	0.018	0	0.189	0	0.003	0	0	---	---	10
11	---	---	0 B	0.015	0	0.126	0	0.002	0	0	---	---	11
12	---	---	0 B	0.017	0	0.327	0.007	0.001	0	0	---	---	12
13	---	---	0 B	0.015	0	0.483	0.025	0	0	0	---	---	13
14	---	---	0 B	0.012	0	0.217	0.070	0	0	0	---	---	14
15	---	---	0 B	0.008	0	0.110	0.051	0	0	0	---	---	15
16	---	---	0 B	0.004	0	0.084	0.089	0	0	0	---	---	16
17	---	---	0 B	0.003	0	0.037	0.080	0	0	0	---	---	17
18	---	---	0 B	0.003	0	0.022	0.088	0	0	0	---	---	18
19	---	---	0 B	0.008	0	0.015	0.065	0	0	0	---	---	19
20	---	---	0 B	0.011	0	0.022	0.179	0	0	0	---	---	20
21	---	---	0 B	0.008	0	0.031	0.185	0	0.005	0	---	---	21
22	---	---	0.1088	0.007	0	0.013	0.111	0	0.005	0	---	---	22
23	---	---	0.1808	0.008	0	0.007	0.081	0	0.002	0	---	---	23
24	---	---	0.3078	0.004	0	0.004	0.064	0	0.003	0	---	---	24
25	---	---	0.4158	0.004	0	0.004	0.050	0	0.001	0	---	---	25
26	---	---	0.5038	0.002	0	0.006	0.037	0	0	0	---	---	26
27	---	---	0.3108	0.003	0	0.002	0.027	0	0	0	---	---	27
28	---	---	0.1498	0.001	0	0.001	0.023	0	0	0	---	---	28
29	---	---	0.1298	0.001	0	B	0.017	0	0	0	---	---	29
30	---	---	0.2178	0.001	0	0	0.011	0	0	0	---	---	30
31	---	---	0.2448		0		0.008	0		0		---	31
TOTAL	---	---	2.572	0.978	0.007	1.934	1.193	0.173	0.015	0	---	---	TOTAL
MEAN	---	---	0.083	0.033	0	0.064	0.038	0.006	0.001	0	---	---	MEAN
MAX	---	---	0.503	0.282	0.001	0.483	0.179	0.049	0.005	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.5038 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.12 AT 19:57 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 00 58 N
LONG 111 54 07 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	103
FEB	---	AUG	14.8
MAR	232	SEP	1.30
APR	84.3	OCT	0
MAY	0.60	NOV	---
JUN	107	DEC	---

TOTAL DISCHARGE, 593 dam³

ISLE LAKE AT EUREKA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	729.894	---	729.854	---	729.977	729.903	729.763	729.789	---	---	1
2	---	---	---	---	729.844	729.946	729.962	729.897	729.757	729.767	---	---	2
3	---	---	---	---	---	729.945	729.959	729.889	729.748	729.763	729.721	---	3
4	---	---	---	---	729.887	729.939	729.959	729.887	729.747	729.759	---	---	4
5	---	---	---	---	729.887	729.941	729.957	729.859	729.743	729.759	---	---	5
6	---	---	---	---	---	729.943	729.961	729.873	---	729.755	---	---	6
7	---	---	---	---	729.897	729.978	729.971	729.885	729.782	729.748	729.715	---	7
8	---	---	---	729.970	729.896	729.967	729.965	729.877	729.784	729.747	---	---	8
9	---	---	---	---	729.896	729.995	729.961	729.868	729.780	729.739	---	---	9
10	---	---	---	---	729.905	729.995	729.958	729.860	729.786	729.743	---	---	10
11	---	---	---	---	729.905	730.004	729.956	729.884	729.784	729.737	---	---	11
12	---	---	---	---	729.896	730.002	729.954	729.858	---	729.735	---	---	12
13	---	---	---	---	729.858	730.000	729.954	729.852	729.784	729.731	---	---	13
14	---	---	---	729.946	729.896	729.998	729.952	729.846	729.782	729.729	---	---	14
15	---	---	---	---	---	729.998	729.944	729.842	729.781	729.725	---	---	15
16	---	---	---	---	729.921	729.990	729.942	729.838	729.783	---	---	---	16
17	---	---	---	---	729.946	729.984	729.937	729.831	729.787	---	---	---	17
18	---	---	---	---	729.956	729.981	729.933	729.827	729.778	---	---	---	18
19	---	---	---	---	729.967	729.979	729.939	729.828	729.778	729.747	---	---	19
20	---	---	---	---	---	729.981	729.933	729.831	---	729.749	---	---	20
21	---	---	---	---	---	729.979	729.945	729.819	---	729.743	---	---	21
22	---	---	---	---	729.967	729.975	729.943	729.817	---	729.739	---	---	22
23	---	---	---	---	---	729.973	729.937	729.811	729.784	729.737	---	---	23
24	---	---	---	---	729.975	729.988	729.933	729.810	729.784	729.735	---	---	24
25	---	---	---	---	729.973	729.980	729.930	729.808	729.782	729.737	---	---	25
26	---	---	---	---	729.972	729.982	729.928	729.802	729.780	---	---	---	26
27	---	---	---	---	729.970	729.970	729.924	729.798	729.786	729.729	---	---	27
28	---	---	---	---	729.974	729.971	729.924	729.792	729.778	---	---	---	28
29	---	---	---	---	729.970	729.972	729.918	729.788	729.774	---	---	---	29
30	---		729.880	729.858	729.968	729.982	729.917	729.774	729.773	---	---	---	30
31	---		---		729.972		729.908	729.769		729.724		---	31
MEAN	---	---	---	---	---	---	729.904	729.838	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	729.977	729.903	---	---	---	---	MAX
MIN	---	---	---	---	---	---	729.908	729.769	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 730.004 ON JUN 11

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 37 22 N
LONG 114 42 01 W

DRAINAGE AREA,
278 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

JACKFISH CREEK NEAR LA COREY - STATION NO 05AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1088	0.8578	0.136	0.493	0.930	0.048	0.002E	0.010	0.0088	---	1
2	---	---	0.1108	0.7188	0.112	0.724	0.844	0.003	0.002E	0.004	0.0088	---	2
3	---	---	0.1118	0.7988	0.094	0.836	0.830	0.002E	0.002E	0.003A	0.0068	---	3
4	---	---	0.1128	0.8238	0.094	0.987	0.730	0.002E	0.002E	0.002E	0.0078	---	4
5	---	---	0.1138	0.8388	0.084	1.12	0.611	0.002E	0.002E	0.002E	0.0078	---	5
6	---	---	0.1138	0.7748	0.091	1.28	0.574	0.002E	0.002E	0.002E	0.0068	---	6
7	---	---	0.1158	0.6988	0.105	1.44	0.581	0.002E	0.002E	0.002E	0.0068	---	7
8	---	---	0.1178	0.7358	0.104	1.48	0.522	0.002E	0.002E	0.002E	---	---	8
9	---	---	0.1188	0.6628	0.095	1.50	0.417	0.003	0.002E	0.002E	---	---	9
10	---	---	0.1208	0.615	0.100	1.45	0.311	0.002	0.002E	0.002E	---	---	10
11	---	---	0.1238	0.585	0.088	1.38	0.222	0.004	0.001E	0.002E	---	---	11
12	---	---	0.1278	0.537	0.088	1.30	0.173	0.004	0.001E	0.002E	---	---	12
13	---	---	0.1288	0.514	0.113	1.29	0.147	0.002	0.001E	0.002E	---	---	13
14	---	---	0.1308	0.493	0.101	1.31	0.169	0.001	0.001E	0.003E	---	---	14
15	---	---	0.1328	0.467	0.108	1.21	0.114	0.001	0.001E	0.002E	---	---	15
16	---	---	0.1338	0.469	0.114	1.12	0.062	0.004	0.001E	0.003E	---	---	16
17	---	---	0.1378	0.450	0.139	1.10	0.022	0.004	0.002E	0.004E	---	---	17
18	---	---	0.1478	0.413	0.175	1.04	0.019	0.002E	0.002E	0.005E	---	---	18
19	---	---	0.1538	0.386	0.208	0.985	0.006	0.002E	0.002E	0.025E	---	---	19
20	---	---	0.1918	0.313	0.238	0.857	0.0068	0.002	0.002E	0.045E	---	---	20
21	---	---	0.2508	0.324	0.282	0.885	0.012	0.002E	0.002E	0.040E	---	---	21
22	---	---	0.3158	0.331	0.277	0.841	0.041	0.002E	0.002E	0.035E	---	---	22
23	---	---	0.3708	0.310	0.282	0.760	0.018	0.002E	0.002E	0.028E	---	---	23
24	---	---	0.4088	0.288	0.297	0.722	0.017	0.002E	0.002E	0.024E	---	---	24
25	---	---	0.4398	0.278	0.288	0.781	0.021	0.002E	0.002E	0.022E	---	---	25
26	---	---	0.4808	0.288	0.288	0.838	0.008	0.002E	0.002E	0.018E	---	---	26
27	---	---	0.5448	0.323	0.303	0.883	0.002	0.002E	0.002E	0.017E	---	---	27
28	---	---	0.5798	0.180	0.323	0.863	0.001E	0.037	0.002E	0.014E	---	---	28
29	---	---	0.5898	0.176	0.386	0.848	0.001E	0.003	0.008	0.013E	---	---	29
30	---	---	0.5528	0.182	0.384	0.857	0.001	0.002E	0.009	0.011E	---	---	30
31	---		0.6018		0.341		0.002	0.002E		0.0108		---	31
TOTAL	---	---	7.870	14.486	5.778	31.858	7.407	0.154	0.087	0.364	---	---	TOTAL
MEAN	---	---	0.247	0.482	0.186	1.05	0.239	0.005	0.002	0.012	---	---	MEAN
MAX	---	---	0.601	0.838	0.386	1.50	0.930	0.048	0.009	0.045	---	---	MAX
MIN	---	---	0.109	0.182	0.084	0.482	0.001	0.001	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 1.50 ON JUN 9
MINIMUM DAILY, 0.0018 ON JUL 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 30 N
LONG 110 41 10 W

DRAINAGE AREA, 498 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	640
FEB	---	AUG	13.3
MAR	663	SEP	5.76
APR	1 250	OCT	31.4
MAY	498	NOV	---
JUN	2 730	DEC	---

TOTAL DISCHARGE, 5 830 dam³

JACKFISH RIVER BELOW CHRISTINA LAKE - STATION NO 07CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1 078	1 20 B	0 881	14 3	4 88	3 47	0 532	0 907	2 908	---	1
2	---	---	1 078	1 17 B	1 10	15 4	4 49	3 27	0 533	0 914	2 888	---	2
3	---	---	1 078	1 14 B	1 42	16 2	4 42	3 00	0 508	0 920	2 865	---	3
4	---	---	1 078	1 09 B	1 17	16 8	4 32	2 85	0 510	0 933	2 850	---	4
5	---	---	1 078	1 03	0 886	17 1	4 23	2 70	0 492	0 882	2 859	---	5
6	---	---	1 068	0 994	0 695	17 1	4 28	2 52	0 484	0 950	2 858	---	6
7	---	---	1 068	1 01 B	0 556	16 9	4 30	2 45	0 602	1 06	2 858	---	7
8	---	---	1 068	1 11	0 503	16 5	4 41	2 38	0 654	1 02	---	---	8
9	---	---	1 068	1 14	1 16	16 1	4 70	2 38	0 739	1 05	---	---	9
10	---	---	1 068	1 13	0 827	15 4	4 83	2 24	0 787	0 997	---	---	10
11	---	---	1 068	1 30	0 789	14 5	5 14	2 15	0 841	1 02	---	---	11
12	---	---	1 068	1 74	1 22	13 5	5 28	2 13	0 878	1 04	---	---	12
13	---	---	1 058	1 82	2 82	13 0	5 44	2 01	0 905	1 04	---	---	13
14	---	---	1 058	1 58	2 74	12 0	5 38	1 78	0 928	1 01	---	---	14
15	---	---	1 058	1 59	2 54	11 1	5 33	1 70	0 955	0 970	---	---	15
16	---	---	1 058	1 50	2 37	10 4	5 31	1 53	0 934	0 940	---	---	16
17	---	---	1 058	1 34	2 38	9 84	5 28	1 38	0 934	1 15	---	---	17
18	---	---	1 058	1 30	2 96	9 22	5 28	1 28	0 957	1 51	---	---	18
19	---	---	1 058	1 35	3 35	8 71	5 27	1 14	0 982	1 83	---	---	19
20	---	---	1 058	1 38	4 40	8 39	5 18	1 07	1 00	2 05	---	---	20
21	---	---	1 068	1 38	5 89	7 97	5 11	1 01	0 989	2 33	---	---	21
22	---	---	1 068	1 33	7 52	7 55	4 97	0 945	0 975	2 80	---	---	22
23	---	---	1 078	1 31	9 56	7 23	5 08	0 871	0 885	2 89	---	---	23
24	---	---	1 088	1 28	11 7	6 83	4 93	0 823	0 947	3 10	---	---	24
25	---	---	1 098	1 19	13 4	6 46	4 80	0 757	0 938	3 24	---	---	25
26	---	---	1 108	1 11	14 2	6 19	4 62	0 705	0 938	3 19	---	---	26
27	---	---	1 128	1 08	14 4	5 80	4 63	0 712	0 949	3 10 B	---	---	27
28	---	---	1 158	0 852	14 6	5 64	4 77	0 809	0 949	3 08 B	---	---	28
29	---	---	1 188	0 846	14 4	5 45	3 96	0 527	0 938	3 02 B	---	---	29
30	---		1 208	0 724	14 4	5 02	3 75	0 513	0 951	2 98 B	---	---	30
31	---		1 228		14 3		3 63	0 515		2 92 B		---	31
TOTAL	---	---	33 60	35 896	189 017	337 30	147 11	51 507	24 728	54 583	---	---	TOTAL
MEAN	---	---	1 08	1 23	6 45	11 2	4 75	1 66	0 824	1 76	---	---	MEAN
MAX	---	---	1 22	1 74	14 6	17 1	5 44	3 47	1 00	3 24	---	---	MAX
MIN	---	---	1 05	0 724	0 503	5 02	3 63	0 513	0 484	0 882	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 48
MAXIMUM DAILY, 17 1 ON JUN 5
MINIMUM DAILY, 0 484 ON SEP 6
MAXIMUM INSTANTANEOUS
17 4 AT 13 56 MST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 40 25 N
LONG 111 05 00 W
DRAINAGE AREA, 1 290 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 700
FEB	---	AUG	4 450
MAR	2 690	SEP	2 140
APR	3 190	OCT	4 720
MAY	14 600	NOV	---
JUN	29 100	DEC	---

TOTAL DISCHARGE, 73 800 dam³

JACKPINE CREEK AT WADLIN LAKE ROAD - STATION NO 07JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0098	0 0018	0 848	5 30	3 71	0 833E	0 502	0 988	---	---	1
2	---	---	0 0109	0 0015	0 858	5 49	4 85	0 820A	0 585	1 08	---	---	2
3	---	---	0 0118	0 0013	0 874	5 05	5 40	0 514	0 655	1 21	---	---	3
4	---	---	0 0118	0 0108	0 858	6 15	7 57	0 485	0 722	1 34	---	---	4
5	---	---	0 0128	0 0248	0 848	12 9	12 0	0 342	0 825	1 42	---	---	5
6	---	---	0 0128	0 0308	0 629	14 3	15 6	0 327	1 90	1 42	---	---	6
7	---	---	0 0108	0 0508	0 814	12 8	15 6	0 339	3 47	1 41	---	---	7
8	---	---	0 0088	0 1008	0 882	9 78	17 2	0 297	4 48	1 37	---	---	8
9	---	---	0 0078	0 2008	0 651	7 32	16 4	0 359	4 40	1 38	---	---	9
10	---	---	0 0028	0 4008	0 701	5 80	14 8	0 336	4 05	1 42	---	---	10
11	---	---	0 8	0 7158	0 794	4 84	13 1	0 281	3 84	1 42	---	---	11
12	---	---	0 8	1 03 B	0 971	4 13	12 3	0 276	3 29	1 37	---	---	12
13	---	---	0 8	1 22 B	0 984	3 55	11 2	0 243	3 12	1 33	---	---	13
14	---	---	0 8	1 34 B	0 914	3 17	9 55	0 225	3 15	1 31	---	---	14
15	---	---	0 8	1 31 B	0 868	2 83	7 98	0 228	2 85	1 28	---	---	15
16	---	---	0 0028	1 13 B	0 828	2 58	6 43	0 243	2 60	1 27	---	---	16
17	---	---	0 0028	1 04 B	1 28	2 43	5 33	0 234	2 36	1 11 B	---	---	17
18	---	---	0 0028	1 05 B	2 34	2 21	4 52	0 219	2 09	1 19 B	---	---	18
19	---	---	0 0038	1 01	3 20	2 11	4 04	0 204	1 92	1 18 B	---	---	19
20	---	---	0 0038	0 984	4 78	1 98	3 67	0 188	1 77	1 17 B	---	---	20
21	---	---	0 0048	0 952	8 84	1 85	3 37	0 182	1 61	1 20 B	---	---	21
22	---	---	0 0048	1 02	12 5	1 74	3 11	0 178	1 49	1 21 B	---	---	22
23	---	---	0 0048	1 12	12 4	1 63	2 84	0 178	1 38	1 15 B	---	---	23
24	---	---	0 0038	1 02	11 4	1 54	2 54A	0 182	1 28	0 9808	---	---	24
25	---	---	0 0038	0 970	11 1	1 41	2 33E	0 169	1 19	0 7808	---	---	25
26	---	---	0 0038	0 924	10 2	1 25	2 11E	0 151	1 13	0 7603	---	---	26
27	---	---	0 0038	0 852	8 47	2 05	1 90E	0 143	1 05	0 7508	---	---	27
28	---	---	0 0028	0 831	6 72	1 21	1 69E	0 182	0 998	0 6488	---	---	28
29	---	---	0 0028	0 830	5 57	0 902	1 47E	0 262	0 981	0 6208	---	---	29
30	---		0 0028	0 721	4 78	1 63	1 28E	0 505	0 942	0 6208	---	---	30
31	---		0 0028		4 36		1 05E	0 504		0 6208		---	31
TOTAL	---	---	0 134	20 886	118 875	131 742	216 12	9 470	80 428	34 984	---	---	TOTAL
MEAN	---	---	0 004	0 696	3 87	4 39	6 97	0 305	2 01	1 13	---	---	MEAN
MAX	---	---	0 012	1 34	12 5	14 3	17 2	0 833	4 48	1 42	---	---	MAX
MIN	---	---	0	0 001	0 614	0 902	1 05	0 143	0 502	0 920	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 42
MAXIMUM DAILY, 17 2 ON JUL 6
MINIMUM DAILY, 0 0 ON MAR 11
MAXIMUM INSTANTANEOUS,
17 4 AT 11:00 MST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 11 35 N
LONG 115 48 00 W
DRAINAGE AREA, 582 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 700
FEB	---	AUG	818
MAR	11 8	SEP	5 220
APR	1 890	OCT	3 020
MAY	10 400	NOV	---
JUN	11 400	DEC	---

TOTAL DISCHARGE, 51 400 dam³

JAMES RIVER NEAR SUNDRE - STATION NO. 05CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.900B	1.848	1.73	2.83	2.41	1.37	0.747	2.09	---	---	1
2	---	---	0.834B	1.818	1.58	2.47	2.26	1.26	0.770	2.31	---	---	2
3	---	---	0.840B	1.818	1.58	2.22	2.13	1.22	0.754	2.66	---	---	3
4	---	---	0.940B	1.898	1.61	2.09	2.04	1.56	0.757	3.31	---	---	4
5	---	---	0.940B	1.928	1.56	2.54	1.97	1.53	0.766	3.91	---	---	5
6	---	---	0.950B	1.958	1.64	6.97	1.91	2.01	1.28	3.84	---	---	6
7	---	---	0.930B	2.088	1.81	10.3	1.88	1.83	2.52	3.57	---	---	7
8	---	---	0.940B	2.048	2.06	16.1	1.77	1.44	2.64	3.39	---	---	8
9	---	---	0.940B	2.02	2.51	42.3	1.56	1.28	1.93	3.34	---	---	9
10	---	---	0.930B	1.98	2.48	34.7	1.60	1.20	1.66	3.09	---	---	10
11	---	---	0.920B	1.84	2.18	18.9	1.56	1.15	1.67	2.88	---	---	11
12	---	---	0.910B	1.86	1.99	16.0	1.49	1.08	2.03	2.77	---	---	12
13	---	---	0.900B	1.81	1.87	12.1	1.57	1.08	2.87	2.78	---	---	13
14	---	---	0.880B	1.87	1.98	9.54	1.71	1.08	2.78	2.80	---	---	14
15	---	---	0.860B	1.97	1.99	8.38	1.56	1.08	2.57	2.43	---	---	15
16	---	---	0.883B	2.34	2.51	7.53	1.45	1.02	2.27	2.37	---	---	16
17	---	---	0.872B	3.04	5.43	7.38	1.34	0.976	2.01	2.17	---	---	17
18	---	---	0.914B	3.39	4.61	6.45	1.30	0.937	1.90	1.77	---	---	18
19	---	---	0.950B	3.17	3.64	5.80	1.25	0.919	1.88	1.76 B	---	---	19
20	---	---	0.910B	3.07	3.04	5.61	1.28	0.912	1.90	1.79 B	---	---	20
21	---	---	0.845B	3.43	2.71	5.10	1.70	0.880	2.48	1.73 B	---	---	21
22	---	---	0.900B	3.26	2.41	4.64	1.78	0.880	3.01	1.68 B	---	---	22
23	---	---	0.949B	2.78	2.22	4.66	1.83	0.832	2.88	1.29 B	---	---	23
24	---	---	1.26 B	2.36	2.17	4.38	1.42	0.827	2.41	1.28 B	---	---	24
25	---	---	1.63 B	2.16	2.15	3.83	1.28	0.827	2.30	1.30 B	---	---	25
26	---	---	1.55 B	1.84	2.22	3.46	1.18	0.788	2.16	1.18 B	---	---	26
27	---	---	1.56 B	1.85	2.86	3.19	1.17	0.739	1.87	1.12 B	---	---	27
28	---	0.858B	1.61 B	1.84	2.45	2.90	1.20	0.718	1.90	0.9758	---	---	28
29	---	0.850B	1.59 B	1.81	2.32	2.76	1.50	0.708	1.85	0.8168	---	---	29
30	---		1.67 B	1.54	2.27	2.61	1.86	0.710	1.98	0.8678	---	---	30
31	---		1.87 B		2.76		1.56	0.724		0.8208		---	31
TOTAL	---	---	33.887	66.97	74.18	258.14	50.51	33.572	58.324	66.098	---	---	TOTAL
MEAN	---	---	1.09	2.20	2.39	8.60	1.63	1.08	1.94	2.20	---	---	MEAN
MAX	---	---	1.87	3.43	5.43	42.3	2.41	2.01	3.01	3.94	---	---	MAX
MIN	---	---	0.845	1.54	1.56	2.09	1.17	0.708	0.747	0.820	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.82
MAXIMUM DAILY, 42.3 ON JUN 9
MINIMUM DAILY, 0.708 ON AUG 29
MAXIMUM INSTANTANEOUS,
46.5 AT 10 30 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 35 N
LONG 114 41 04 W
DRAINAGE AREA, 821 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 380
FEB	---	AUG	2 900
MAR	2 930	SEP	5 040
APR	5 700	OCT	5 880
MAY	6 410	NOV	---
JUN	22 300	DEC	---

TOTAL DISCHARGE, 55 500 dam³

JAYDOT RESERVOIR NEAR JAYDOT - STATION NO. 11ABO08

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	920.424	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	919.594	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	920.071	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	920.485E	920.488E	920.380E	920.240E	920.045E	919.825E	919.655E	919.585E	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	919.644	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	920.505E	920.455E	920.350E	920.175E	919.970E	919.770E	919.625E	919.585E	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	920.471	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	920.471E	---	---	---	---	---	---	---	---	---	---	26
27	---	---	920.524	---	---	---	---	---	---	---	---	---	27
28	---	---	---	920.427E	---	920.115E	---	---	919.900E	---	---	---	28
29	---	920.480E	920.520E	---	920.305E	---	919.885E	919.710E	---	919.554E	---	---	29
30	---	---	---	920.425E	920.300	920.105E	---	---	919.695E	919.553	---	---	30
31	---		920.515E		920.295E		919.871	919.700E		919.552E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 32 N
LONG 110 00 52 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 19.7 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

JOHNSTON CREEK NEAR THE MOUTH - STATION NO. 05BA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.357E	3.56	7.07	2.43	1.63	1.42	0.7698	---	1
2	---	---	---	---	0.352A	2.75	5.22	2.16	1.54	1.41	0.7288	---	2
3	---	---	---	---	0.350E	2.51	4.86	2.40	1.46	1.38	---	---	3
4	---	---	---	---	0.360E	2.62	5.43	2.23	1.41	1.38	---	---	4
5	---	---	---	---	0.390E	2.90	6.88	2.23	1.37	1.36	---	---	5
6	---	---	---	---	0.470E	4.46	6.82	2.59	1.84	1.30	---	---	6
7	---	---	---	---	0.540E	5.77	5.00	2.27	1.81	1.27	---	---	7
8	---	---	---	---	0.565E	6.25	4.13	2.00	1.56	1.24	---	---	8
9	---	---	---	---	0.580E	6.16	3.97	1.88	1.59	1.30	---	---	9
10	---	---	---	---	0.580E	4.82	4.36	1.99	1.58	1.26	---	---	10
11	---	---	---	---	0.600E	7.19	5.36	1.93	1.80	1.24	---	---	11
12	---	---	---	---	0.650E	10.4	5.58	1.81	1.75	1.25	---	---	12
13	---	---	---	---	0.705E	11.8	5.06	1.90	1.73	1.19	---	---	13
14	---	---	---	---	0.725E	14.0	4.57	1.73	1.72	1.13	---	---	14
15	---	---	---	---	0.773	15.7	4.46	1.68	1.74	1.09	---	---	15
16	---	---	---	---	1.17	13.2	4.67	1.68	1.80	1.04	---	---	16
17	---	---	---	---	0.998	8.84	4.83	1.70	2.09	0.991	---	---	17
18	---	---	---	---	0.854	5.98	4.68	1.67	3.21	0.941	---	---	18
19	---	---	---	---	0.995	5.03	4.06	1.65	3.35	1.11	---	---	19
20	---	---	---	---	1.20	4.87	3.50	1.52	2.78	1.07 B	---	---	20
21	---	---	---	---	1.03	5.41	3.01	1.46	2.57	1.04 B	---	---	21
22	---	---	---	---	0.975	5.39	2.56	1.37	2.27	1.01 B	---	---	22
23	---	---	---	---	0.986	7.79	2.52	1.39	2.02	0.975B	---	---	23
24	---	---	---	0.368A	0.925	9.02	2.63	1.38	1.81	0.943B	---	---	24
25	---	---	---	---	0.896	9.18	2.79	1.35	1.76	0.912B	---	---	25
26	---	---	---	---	0.866	9.38	3.19	1.29	1.68	0.906B	---	---	26
27	---	---	---	---	0.853	11.5	3.45	2.68	1.58	0.971B	---	---	27
28	---	---	---	---	1.04	12.9	3.18	3.34	1.54	0.931B	---	---	28
29	---	---	---	---	1.72	26.5	2.90	1.88	1.50	0.890B	---	---	29
30	---		---	---	5.18	13.9	2.68	1.71	1.47	0.850B	---	---	30
31	---		---		8.79		2.55	1.62		0.809B		---	31
TOTAL	---	---	---	---	34 585	249.40	131 69	58.06	55 38	34 619	---	---	TOTAL
MEAN	---	---	---	---	1.12	8 31	4.25	1.87	1.85	1.12	---	---	MEAN
MAX	---	---	---	---	8 79	26 5	7.07	2 68	3.35	1.42	---	---	MAX
MIN	---	---	---	---	0.350	2 62	2.52	1.29	1.37	0.809	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 08
MAXIMUM DAILY, 26 5 ON JUN 28
MINIMUM DAILY, 0.350E ON MAY 3
MAXIMUM INSTANTANEOUS,
34 2 AT 17 50 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 14 40 N
LONG 115 50 30 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 400
FEB	---	AUG	5 020
MAR	---	SEP	4 780
APR	---	OCT	2 890
MAY	2 980	NOV	---
JUN	21 500	DEC	---

TOTAL DISCHARGE, 48 700 dam³

JOSLYN CREEK NEAR FORT MACKAY - STATION NO. 07DA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.2708	0.381	2.09	0.671	0.164	0.354	0.285	0.2388	---	1
2	---	---	0.0018	0.3608	0.332	12.0	0.676	0.139	0.397	0.302	0.2288	---	2
3	---	---	0.0018	0.5608	0.243	23.0 E	0.802	0.135	0.577	0.293	0.2188	---	3
4	---	---	0.0018	1.06 B	0.202	12.2	0.732	0.098	0.819	0.294	0.2128	---	4
5	---	---	0.0018	0.9408	0.199	7.58	0.584	0.100	0.801	0.380	0.2088	---	5
6	---	---	0.0018	0.7858	0.192	5.90	0.482	0.114	0.753	0.370	0.2038	---	6
7	---	---	0.0018	0.7108	0.178	4.71	0.589	0.088	0.678	0.391	0.1998	---	7
8	---	---	0.0018	0.6008	0.186	3.76	0.995	0.104	0.661	0.411	0.1958	---	8
9	---	---	0.0018	0.5208	0.167	2.81	1.57	0.194	0.647	0.344	0.1938	---	9
10	---	---	0.0018	0.4608	0.159	2.17	1.55	0.383	0.659	0.341	---	---	10
11	---	---	0.0018	0.7008	0.177	1.81	1.35	0.351	0.699	0.338	---	---	11
12	---	---	0.0018	1.10 B	0.152	1.35	1.13	0.291	0.686	0.336	---	---	12
13	---	---	0.0018	1.70 B	0.151	1.42	0.992	0.552	0.716	0.404	---	---	13
14	---	---	0.0018	2.81 B	0.144	1.38	1.32	0.903	0.703	0.510	---	---	14
15	---	---	0.0018	3.05 B	0.144	1.37	2.21	2.32	0.870	0.597	---	---	15
16	---	---	0.0018	2.72 B	0.198	1.37	2.05	2.34	0.552	0.587	---	---	16
17	---	---	0.0018	2.40 B	0.201	1.37	1.84	1.89	0.486	0.602	---	---	17
18	---	---	0.0018	2.20 B	0.206	1.37	1.27	1.54	0.443	0.755	---	---	18
19	---	---	0.0018	1.82 B	0.376	1.37	1.00	1.25	0.416	1.12	---	---	19
20	---	---	0.0018	1.72 B	0.380	1.38	0.808	1.03	0.396	1.24	---	---	20
21	---	---	0.0018	1.53	0.813	1.52	0.653	0.828	0.379	1.14	---	---	21
22	---	---	0.0018	1.34	1.32	2.03	0.603	0.632	0.350	0.6008	---	---	22
23	---	---	0.0068	1.21	1.28	1.77	0.854	0.544	0.348	0.6608	---	---	23
24	---	---	0.0108	1.04	1.23	1.53	0.675	0.452	0.332	0.5508	---	---	24
25	---	---	0.0178	0.921	0.988	1.33	0.603	0.355	0.307	0.4788	---	---	25
26	---	---	0.0268	0.806	0.827	1.12	0.507	0.301	0.269	0.4108	---	---	26
27	---	---	0.0408	0.687	0.709	0.986	0.392	0.244	0.273	0.3828	---	---	27
28	---	---	0.0608	0.568	0.612	0.823	0.316	0.258	0.283	0.3308	---	---	28
29	---	---	0.0888	0.488	0.528	0.710	0.265	0.254	0.287	0.3028	---	---	29
30	---		0.1408	0.404	0.453	0.630	0.311	0.231	0.285	0.2788	---	---	30
31	---		0.2158		0.476		0.218	0.282		0.2558		---	31
TOTAL	---	---	0 833	35.881	13 806	102 639	27 599	18 468	15.210	15 472	---	---	TOTAL
MEAN	---	---	0.020	1.19	0.445	3.42	0.890	0.596	0.507	0 499	---	---	MEAN
MAX	---	---	0.215	3.05	1.32	23.0	2 21	2.34	0.819	1.24	---	---	MAX
MIN	---	---	0.001	0.270	0.144	0.630	0.218	0.088	0 263	0.255	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.937
MAXIMUM DAILY, 23.0E ON JUN 3
MINIMUM DAILY, 0.0018 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 18 27 N
LONG 111 44 30 W
DRAINAGE AREA, 257 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 380
FEB	---	AUG	1 600
MAR	54.7	SEP	1 310
APR	3 080	OCT	1 340
MAY	1 180	NOV	---
JUN	8 670	DEC	---

TOTAL DISCHARGE, 19 800 dam³

JUMPINGPOUND CREEK NEAR COX HILL - STATION NO. 05BH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.084E	0.320	0.305	0.105	0.084	0.061	0.0188	---	1
2	---	---	---	---	0.090E	0.295	0.290	0.105	0.080	0.100	---	---	2
3	---	---	---	---	0.088A	0.278	0.272	0.091	0.057	0.148	---	---	3
4	---	---	---	---	0.071	0.270	0.268	0.088	0.059	0.183	---	---	4
5	---	---	---	---	0.087	0.427	0.252	0.131	0.066	0.178	---	---	5
6	---	---	---	---	0.084	0.404	0.250	0.134	0.055	0.155	---	---	6
7	---	---	---	---	0.069	0.454	0.231	0.103	0.054	0.175	---	---	7
8	---	---	---	---	0.111	1.17	0.208	0.092	0.051	0.215	---	---	8
9	---	---	---	---	0.148	1.88	0.198	0.087	0.053	0.192	---	---	9
10	---	---	---	---	0.141	2.07	0.188	0.087	0.065	0.173	---	---	10
11	---	---	---	---	0.150	2.03	0.178	0.092	0.081	0.158	---	---	11
12	---	---	---	---	0.138	1.75	0.174	0.090	0.081	0.149	---	---	12
13	---	---	---	---	0.155	1.47	0.181	0.091	0.074	0.136	---	---	13
14	---	---	---	---	0.200	1.24	0.184	0.083	0.068	0.125	---	---	14
15	---	---	---	---	0.338	1.07	0.152	0.079	0.061	0.118	---	---	15
16	---	---	---	---	0.650	0.942	0.148	0.075	0.055	0.117	---	---	16
17	---	---	---	---	0.569	0.828	0.144	0.075	0.049	0.110	---	---	17
18	---	---	---	---	0.481	0.742	0.137	0.073	0.045	0.1008	---	---	18
19	---	---	---	---	0.449	0.668	0.128	0.077	0.043	0.0858	---	---	19
20	---	---	---	---	0.444	0.626	0.128	0.075	0.048	0.0808	---	---	20
21	---	---	---	---	0.356	0.606	0.181	0.075	0.065	0.0858	---	---	21
22	---	---	---	---	0.315	0.573	0.156	0.071	0.060	0.0808	---	---	22
23	---	---	---	---	0.282	0.534	0.133	0.071	0.056	0.0758	---	---	23
24	---	---	---	0.144A	0.268	0.482	0.122	0.072	0.0528	0.0708	---	---	24
25	---	---	---	---	0.269	0.444	0.118	0.070	0.0518	0.0658	---	---	25
26	---	---	---	---	0.274	0.407	0.111	0.066	0.0478	0.0608	---	---	26
27	---	---	---	---	0.264	0.387	0.106	0.064	0.0488	0.0508	---	---	27
28	---	---	---	---	0.275	0.357	0.104	0.091	0.0408	0.0358	---	---	28
29	---	---	---	---	0.418	0.369	0.110	0.071	0.025	0.0308	---	---	29
30	---		---	---	0.507	0.325	0.114	0.068	0.033	0.0258	---	---	30
31	---		---		0.387		0.097	0.066		0.0208		---	31
TOTAL	---	---	---	---	8.133	23.420	5.354	2.638	1.833	3.352	---	---	TOTAL
MEAN	---	---	---	---	0.262	0.781	0.173	0.085	0.054	0.108	---	---	MEAN
MAX	---	---	---	---	0.650	2.07	0.306	0.134	0.081	0.215	---	---	MAX
MIN	---	---	---	---	0.064	0.270	0.097	0.066	0.025	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.242
MAXIMUM DAILY, 2.07 ON JUN 10
MINIMUM DAILY, 0.0208 ON OCT 31
MAXIMUM INSTANTANEOUS,
2.15 AT 22:56 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 09 N
LONG 114 56 14 W
DRAINAGE AREA, 36.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	463
FEB	---	AUG	228
MAR	---	SEP	141
APR	---	OCT	280
MAY	703	NOV	---
JUN	2 020	DEC	---

TOTAL DISCHARGE, 3 850 dam³

JUMPINGPOUND CREEK NEAR THE MOUTH - STATION NO. 05BH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0028	0.1248	0.1528	0.2908	0.322	0.688	0.740	0.187	0.040	0.244	0.1108	0.1008	1
2	0.0018	0.1278	0.1428	0.2508	0.310	0.607	0.685	0.149	0.025	0.242	0.1158	0.1158	2
3	0.0108	0.0888	0.1468	0.2308	0.278	0.511	0.623	0.167	0.024	0.265	0.1208	0.1258	3
4	0.0778	0.1508	0.1508	0.4108	0.274	0.506	0.584	0.253	0.025	0.284	0.1258	0.1408	4
5	0.0708	0.1608	0.1548	0.5008	0.305	0.668	0.558	0.188	0.029	0.274	0.1308	0.1508	5
6	0.0858	0.1558	0.1598	0.4608	0.340	0.634	0.528	0.139	0.051	0.300	0.1278	0.1558	5
7	0.0578	0.1488	0.1658	0.4208	0.435	1.40	0.489	0.097	0.084	0.298	0.1248	0.1508	7
8	0.0488	0.1448	0.1848	0.3808	0.471	3.73	0.424	0.092	0.084	0.316	0.1218	0.1458	8
9	0.0438	0.1408	0.1638	0.3498	0.475	8.30	0.395	0.122	0.057	0.332	0.1188	0.1418	9
10	0.0388	0.1368	0.1628	0.4408	0.483	8.74	0.384	0.105	0.072	0.353	0.1158	0.1258	10
11	0.0318	0.1348	0.1618	0.5108	0.391	7.08	0.351	0.106	0.081	0.388	0.1258	0.1108	11
12	0.0278	0.1308	0.1608	0.6268	0.334	5.69	0.333	0.132	0.237	0.411	0.1358	0.0908	12
13	0.0248	0.1258	0.1688	0.6508	0.315	4.48	0.388	0.107	0.349	0.406	0.1458	0.0708	13
14	0.0228	0.1208	0.1608	0.6408	0.338	3.53	0.388	0.089	0.284	0.378	0.1558	0.0508	14
15	0.0198	0.1148	0.1508	0.5208	0.421	3.02	0.382	0.091	0.223	0.373	0.1688	0.0358	15
16	0.0158	0.1128	0.1558	0.4428	0.598	2.58	0.314	0.088	0.173	0.395	0.1808	0.0208	16
17	0.0108	0.1108	0.1638	0.4338	0.911	2.34	0.289	0.109	0.139	0.2708	0.1908	0.0158	17
18	0.0058	0.1308	0.1708	0.426	1.15	2.13	0.268	0.093	0.105	0.2608	0.1888	0.0158	18
19	0.0138	0.1558	0.1788	0.447	1.02	1.88	0.308	0.075	0.085	0.2458	0.1908	0.0508	19
20	0.0088	0.1748	0.1808	0.534	0.951	1.69	0.214	0.088	0.151	0.2308	0.1928	0.0808	20
21	0.0088	0.1858	0.1858	0.548	0.905	1.65	0.345	0.088	0.292	0.2158	0.1948	0.0908	21
22	0.0208	0.1888	0.2788	0.556	0.833	1.55	0.327	0.073	0.373	0.2008	0.1958	0.0508	22
23	0.0358	0.1508	0.3608	0.522	0.790	1.59	0.313	0.089	0.398	0.1858	0.1858	0.0028	23
24	0.0588	0.1458	0.4008	0.457	0.728	1.44	0.282	0.086	0.372	0.1708	0.1458	0.0018	24
25	0.0708	0.1468	0.4108	0.427	0.741	1.28	0.231	0.083	0.356	0.1558	0.1008	0.0018	25
26	0.0858	0.1478	0.4308	0.408	0.700	1.13	0.215	0.087	0.351	0.1408	0.0618	0.0018	26
27	0.0958	0.1488	0.4008	0.484	0.713	0.997	0.204	0.028	0.328	0.1208	0.0528	0.0018	27
28	0.1008	0.1488	0.3708	0.427	0.688	0.928	0.202	0.015	0.285	0.1078	0.0408	0.0018	28
29	0.0968	0.1508	0.3508	0.378	0.626	0.838	0.188	0.027	0.261	0.1028	0.0758	0.0038	29
30	0.1318		0.3368	0.383	0.578	0.782	0.248	0.026	0.250	0.1058	0.0868	0.0018	30
31	0.1678		0.3188		0.627		0.208	0.025		0.1088		0 B	31
TOTAL	1.433	4.051	7.008	13.811	18.040	74.050	11.241	3.034	5.574	7.671	4.036	2.033	TOTAL
MEAN	0.046	0.140	0.226	0.454	0.582	2.47	0.363	0.098	0.186	0.284	0.134	0.066	MEAN
MAX	0.167	0.174	0.420	0.650	1.15	9.30	0.740	0.253	0.398	0.411	0.196	0.155	MAX
MIN	0.001	0.088	0.142	0.250	0.274	0.506	0.188	0.015	0.024	0.102	0.051	0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 9.30 ON JUN 9
MINIMUM DAILY, 0B ON DEC 31
MAXIMUM INSTANTANEOUS,
10.7 AT 10:50 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 16 N
LONG 114 31 42 W
DRAINAGE AREA, 571 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	124	JUL	971
FEB	350	AUG	262
MAR	606	SEP	482
APR	1 180	OCT	660
MAY	1 560	NOV	348
JUN	6 400	DEC	178

TOTAL DISCHARGE, 13 100 dam³

KAKWA RIVER NEAR GRANDE PRAIRIE - STATION NO. 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.558	6.758	18 2	82.7	88.6	28.0	15 1	46.8	---	---	1
2	---	---	4.525	7.308	18 3	72.2	77.0	27.6	15.2	62 1	---	---	2
3	---	---	4.378	8 168	20 8	70 1	71.6	29.1	15 6	93 4	---	---	3
4	---	---	4.108	8.708	20 6	74.4	67.4	28.0	15 9	125	---	---	4
5	---	---	3.958	8.738	19 8	75 6	77.4	26 0	16.2A	122	---	---	5
6	---	---	4 478	8 918	19 6	86 6	101	29 4	20.0E	109	---	---	6
7	---	---	4 708	9 388	20 3	150 A	90.4	34 2	37 5E	91 7	---	---	7
8	---	---	4 778	9.028	21 7	176 A	76.5	27 4	38.8E	83.1	---	---	8
9	---	---	5 068	9 638	28 9	180 A	86.8	24 0	38.0E	78.0	---	---	9
10	---	---	5 158	9 888	30 2	174 A	84.9	22 3	49.0E	77.0	---	---	10
11	---	---	5 238	10 2 8	27 7	154	82.2	21 2	57 8A	85 6	---	---	11
12	---	---	4 838	10 4 8	30 1	159	81 4	20.0	67.2	85 6	---	---	12
13	---	---	4 508	11 7 8	32 6	173	84 0	19 2	80.3	80.1	---	---	13
14	---	---	4.218	13 8	33 5	174	87 4	18 2	52.6	55.8	---	---	14
15	---	---	3 818	16 7	34 8	161	82.7	19.8	44.6	52.7	---	---	15
16	---	---	3.758	21 3	48 2A	157	51 2	18.5	39 5	49.0	---	---	16
17	---	---	3.888	22 4	110 E	137	50 3	17 8	38.0	45 4	---	---	17
18	---	---	4 888	21 2	82 OE	111	47 4	16 8	91 1A	41 1	---	---	18
19	---	---	5 588	21 8	70 OE	93 9	43 3	18 4	82 3A	40 2	---	---	19
20	---	---	5 688	21 5	58 OE	83 3	39.6	16 1	72 6A	39 4	---	---	20
21	---	---	5 688	23 0	50 OE	78 1	36.4	15 8	81 8A	38 7	---	---	21
22	---	---	5 628	24 3	46 8A	84 9	37 0	15 1	82 5A	34 6	---	---	22
23	---	---	6 118	22 5	44 9	92 7	35 3	14 3	88 3A	34 6	---	---	23
24	---	---	6 418	20 5	43 9	99 0	32.9	13 8	81.1	34 7	---	---	24
25	---	---	7.098	19.2	43.2	104	31.6	13.4	54.1	35.3	---	---	25
26	---	---	6 018	18.2	44.2	98.6	31.4	13 1	46 4	27 4 8	---	---	26
27	---	---	5 595	17 4	46 1	94.6	31.3	12.9	43 9	19.4 8	---	---	27
28	---	4 048	5 118	17 6	47 8	99 4	32 2	14 1	41.9	11 6 8	---	---	28
29	---	4 678	5 548	17 5	51 9A	103	31 0	15 3	41 7	8 498	---	---	29
30	---		5 808	17 6	74 4E	101	29 4	15 4	43.2	8.988	---	---	30
31	---		5 158		98 9A		28.7	15.2		9 508		---	31
TOTAL	---	---	157 10	455 78	1 334 2	3 508.1	1 889.5	621 7	1 434 7	1 671.85	---	---	TOTAL
MEAN	---	---	5.07	15 2	43 0	117	53.9	20 1	47 8	53 9	---	---	MEAN
MAX	---	---	7 09	24 3	110	180	101	34 2	91 1	125	---	---	MAX
MIN	---	---	3 75	6 75	18 2	70 1	25 4	12.9	15 1	8 45	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55 7
MAXIMUM DAILY, 180A ON JUN 9
MINIMUM DAILY, 6 498 ON OCT 29
MAXIMUM INSTANTANEOUS,
192 AT 20 00 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 22 20 N
LONG 118 35 40 W
DRAINAGE AREA, 3 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	144 000
FEB	---	AUG	53 700
MAR	13 600	SEP	124 000
APR	39 400	OCT	144 000
MAY	115 000	NOV	---
JUN	303 000	DEC	---

TOTAL DISCHARGE, 884 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

KANANASKIS RIVER ABOVE POCATERRA CREEK - STATION NO 05BF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12 9	12 4	12 8	5 21	1 87	0 048	0 049	0 045	11 1	5 02	2 86	10 9	1
2	11 2	11 2	12 6	10 1	0 042	0 047	0 046	0.045	11 2	0 055	0 055	9 32	2
3	14 6	11 3	7 31	8 57	0 042	0 046	1 78	0 045	12 0	0 054	0 055	9 09	3
4	7 01	7 77	7 23	6 98	0 041	2 09	1 01	0.045	9 88	10 9	0 056	12 0	4
5	12 8	8 28	8 32	1 77	0 041	0 048	0 049	0 045	8 48	6 22	4 47	11 6	5
6	13 7	11 2	8 25	2 24	0 041	0 048	0 048	0 048	9 13	6 22	2 84	14 0	6
7	11 5	12 5	8 58	0 036	1 92	0 048	0 048	1 81	8 62	0 055	0 064	13 1	7
8	11 7	15 2	10 7	0 035	0 042	0 049	0 048	0 048	0 052	5 66	5 09	9 82	8
9	14 9	15 4	10 7	1 15	0 041	0 050	3 96	0 044	0 052	5 94	3 02	5 82	9
10	13 5	15 1	7 79	2 31	0 041	0 050	0 048	0 045	6 05	5 47	0 061	9 42	10
11	13 4	11 1	6 84	2 58	1 87	2 19	0 047	0 045	4 78	5 46	0 065	9 75	11
12	13 3	11 8	11 0	0 036	0 041	0 048	0 048	0 045	6 80	6 00	2 86	11 5	12
13	13 6	15 8	10 7	0 037	0 041	0 048	0 048	2 55	5 84	5 1	8 43	11 4	13
14	12 5	14 6	10 2	0 038	2 80	0 049	0 048	0.048	6 16	5 43	6 72	11 8	14
15	12 7	10 7	11 5	0 048	0 048	0 049	0 049	0 047	5 52	2 80	11 8	9 75	15
16	12 6	12 9	11 6	2 59	0 048	0 049	1 78	1 66	5 48	5 74	11 5	9 25	16
17	12 5	13 8	7 28	7 19	0 048	0 048	1 81	1 81	2 85	0 053	8 13	11 0	17
18	12 4	10 8	7 47	8 95	0 048	2 18	0 048	2 58	7 86	0 053	5.60	13 0	18
19	13 3	11 3	10 7	7 33	0 047	0 049	0 045	3 83	0 878	0 053	11 5	11 5	19
20	12 9	11 6	10 5	0 052	0 047	0 049	0 044	8 89	0 053	0 052	11 0	12 8	20
21	11 3	11 0	9 72	0 048	2 11	0 049	0 046	10 8	1 12	0 051	6 91	12 7	21
22	10 9	11 4	10 0	0 048	0 047	0 048	0 048	11 7	0 054	3 19	9 85	12 8	22
33	13 1	13 1	10 0	3 29	0 047	0 048	8 04	10 7	0 054	4 33	9 62	11 8	23
24	10 7	8 46	4 11	5 62	0 047	0 048	0 044	6 21	0 052	5 90	9 52	11 6	24
25	5 35	10 2	4 38	5 88	4 08	2 36	0 042	5 80	1 78	3 09	8 29	9 88	25
26	7 88	8 58	8 84	2 34	0 048	0 050	0 043	0 050	0 053	0 054	11 5	9 56	26
27	13 6	12 9	8 84	0 043	0 047	0 048	0 043	5 84	0 052	0 052	8 85	11 1	27
28	13 6	12 9	7 17	0 041	1 88	0 048	0 043	0 053	0 053	0 053	11 5	11 3	28
29	13 8	13.3	7 35	0 041	0 047	0 048	0 045	0 051	0 053	0 051	13 1	10.0	29
30	13 1		7 67	3 16	0 048	0 049	2 03	0 051	0 054	0 053	12 8	10.1	30
31	13 0		4 78		0 048		0 048	5 58		3 02		12.0	31
TOTAL	379 54	347 88	275 63	86 777	17 788	10.084	19 851	80 240	125 817	103 188	203 217	339 55	TOTAL
MEAN	12 2	12.0	8.90	2.89	0 574	0 335	0 834	2 59	4 19	3.33	6.77	11.0	MEAN
MAX	14 9	15 8	12.8	10.1	4 08	2 36	5 04	11 7	12 0	10 8	13 1	14 0	MAX
MIN	5 35	7.77	4 11	0 035	0 041	0.048	0 042	0.044	0 052	0.051	0 055	5 52	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 44
MAXIMUM DAILY, 15 8 ON FEB 13
MINIMUM DAILY, 0 035 ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 00 N
LONG 115 07 05 W
DRAINAGE AREA, 382 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 800	JUL	1 700
FEB	30 000	AUG	8 830
MAR	23 800	SEP	10 900
APR	7 500	OCT	8 820
MAY	1 540	NOV	17 600
JUN	870	DEC	29 300

TOTAL DISCHARGE, 172 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1932

KANANASKIS RIVER BELOW BARRIER DAM - STATION NO. 05BF025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0	17.1	14.0	10.2	11.2	14.1	21.4	0.459	12.9	8.28	5.93	14.5	1
2	12.6	16.1	14.0	12.9	10.4	11.0	13.0	0.484	12.4	8.23	8.24	11.5	2
3	14.8	13.7	9.83	12.6	9.61	8.54	8.67	3.25	11.4	8.49	0.383	13.0	3
4	15.2	11.3	11.2	9.80	7.10	8.29	9.07	7.12	14.9	12.4	0.386	11.8	4
5	17.0	11.5	13.7	7.01	5.98	14.3	5.81	7.38	9.11	12.2	4.89	11.2	5
6	15.2	14.2	15.6	8.55	5.09	11.3	5.25	7.38	9.48	9.33	2.68	11.4	6
7	12.7	14.5	10.8	8.41	8.02	9.85	4.25	6.55	9.38	5.55	3.23	10.7	7
8	12.6	16.0	12.8	8.32	8.94	11.4	5.58	3.28	5.78	8.44	3.00	11.5	8
9	17.9	15.7	12.5	11.1	8.10	15.8	9.40	5.95	6.30	8.55	2.85	8.38	9
10	18.4	17.1	8.59	11.2	8.68	17.1	7.54	8.18	6.08	7.85	2.69	13.1	10
11	18.7	15.9	8.82	11.7	8.48	14.2	4.09	5.88	6.04	7.87	3.01	13.8	11
12	18.4	15.7	13.8	12.1	5.45	15.2	4.78	5.82	6.48	10.9	7.32	14.0	12
13	18.2	16.5	13.6	11.8	0.292	31.1	4.75	5.86	6.23	8.26	11.7	13.9	13
14	16.5	16.6	11.4	10.7	8.66	22.6	6.56	0.759	5.80	8.47	11.2	14.3	14
15	16.6	14.2	13.2	10.6	5.92	19.8	5.27	5.74	5.76	5.88	11.8	11.4	15
16	16.9	16.8	14.3	11.3	5.44	12.8	6.38	6.48	6.05	8.68	11.2	11.1	16
17	18.8	17.7	11.2	11.8	5.23	28.7	5.13	11.4	3.78	5.47	8.57	13.9	17
18	14.5	14.0	8.83	11.3	5.54	22.6	0.435	11.8	5.32	5.61	5.85	14.7	18
19	13.2	13.6	13.4	10.0	5.94	18.6	0.500	11.2	5.00	8.55	14.1	12.9	19
20	13.1	12.8	12.6	10.6	5.92	14.6	5.43	12.7	0.617	5.86	13.9	14.6	20
21	12.6	12.5	11.4	8.58	6.33	14.7	6.36	15.4	6.08	8.32	11.7	14.2	21
22	13.0	12.3	12.6	10.3	5.88	14.1	6.57	15.8	5.89	8.73	11.8	12.1	22
23	12.9	14.3	11.4	11.6	5.63	15.9	11.3	15.8	5.63	8.87	11.1	15.5	23
24	15.7	15.3	7.20	11.2	5.51	17.2	17.1	9.83	6.12	8.58	11.0	13.8	24
25	10.1	12.9	8.49	11.8	8.38	17.1	18.0	5.81	5.78	5.47	10.2	11.5	25
26	13.9	11.3	12.8	11.4	5.37	17.1	17.8	5.98	6.14	2.90	12.8	11.7	26
27	14.1	14.6	11.4	7.89	5.88	19.8	11.5	5.85	6.30	2.58	12.1	14.9	27
28	14.3	14.7	8.65	9.54	5.82	20.2	0.384	0.480	5.71	2.84	13.8	13.8	28
29	14.6	14.4	10.5	8.47	8.18	21.8	0.412	5.89	4.42	4.48	14.8	10.5	29
30	15.6		9.86	10.3	9.02	21.7	0.427	3.31	4.18	8.18	18.7	10.1	30
31	15.7		10.1		8.18		0.453	11.8		8.51		13.4	31
TOTAL	473.7	423.8	380.68	314.07	214.262	504.56	225.251	228.472	209.787	231.87	257.119	393.26	TOTAL
MEAN	15.3	14.6	11.6	10.5	6.91	16.8	7.27	7.37	6.99	7.47	8.57	12.7	MEAN
MAX	18.7	16.6	15.6	12.9	18.2	31.1	21.4	15.8	14.9	12.4	15.7	15.5	MAX
MIN	10.1	11.3	7.20	7.01	0.292	8.29	0.384	0.459	0.617	2.58	0.386	8.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 31.1 ON JUN 13
MINIMUM DAILY, 0.292 ON MAY 13

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 30 N
LONG 115 01 55 W
DRAINAGE AREA, 899 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 900	JUL	19 500
FEB	35 600	AUG	19 700
MAR	31 200	SEP	18 100
APR	27 100	OCT	20 000
MAY	18 500	NOV	22 200
JUN	43 500	DEC	34 000

TOTAL DISCHARGE, 331 000 dam³

KEC RIVER AT HIGHWAY NO 35 - STATION NO. 07HF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1808	0.513	7.27	18.3	0.578	0.348	0.575	---	---	1
2	---	---	0 B	0.2148	0.511	9.90	29.9	0.432	1.24	0.826	---	---	2
3	---	---	0 B	0.3018	0.528	8.05	21	0.393	3.83	0.748	---	---	3
4	---	---	0 B	0.2248	0.528	6.36	12.8	0.573	5.47	0.873	---	---	4
5	---	---	0 B	0.2388	0.594	5.30	9.67	0.566	4.83	1.00	---	---	5
6	---	---	0 B	0.3818	0.675	4.61	9.25	1.52	4.24	1.27	---	---	6
7	---	---	0 B	0.2438	0.710	4.41	11.8	1.28	3.83	1.24	---	---	7
8	---	---	0 B	0.3048	0.703	6.71	7.48	1.18	3.55	1.18	---	---	8
9	---	---	0 B	0.5778	0.733	8.02	18.4	1.05	3.20	1.14	---	---	9
10	---	---	0 B	0.8978	0.778	7.08	13.4	0.819	2.93	1.13	---	---	10
11	---	---	0 B	0.6508	0.758	5.57	9.60	0.639	2.71	1.16	---	---	11
12	---	---	0 B	0.7288	0.619	4.50	7.37	0.517	2.38	1.15	---	---	12
13	---	---	0 B	0.6508	0.630	3.77	5.80	0.398	2.08	1.06	---	---	13
14	---	---	0 B	0.8978	0.882	3.21	5.27	0.351	1.85	0.972	---	---	14
15	---	---	0 B	0.8838	0.921	2.80	5.75	0.288	1.63	0.885	---	---	15
16	---	---	0 B	1.36 B	0.882	2.38	5.20	0.254	1.45	0.823	---	---	16
17	---	---	0 B	1.82 B	1.65	2.08	4.25	0.219	1.26	0.828	---	---	17
18	---	---	0 B	2.01 B	5.88	1.75	3.43	0.223	1.11	0.814	---	---	18
19	---	---	0 B	1.75	12.0	1.47	2.84	0.240	0.951	0.808	---	---	19
20	---	---	0 B	1.74	11.1	1.38	2.40	0.214	0.846	0.791	---	---	20
21	---	---	0 B	1.55	11.8	1.19	2.17	0.209	0.752	1.03	---	---	21
22	---	---	0 B	1.17	15.6	1.07	2.15	0.183	0.708	0.888	---	---	22
23	---	---	0 B	1.18	13.7	0.954	2.36	0.162	0.593	0.855	---	---	23
24	---	---	0 B	0.888	10.1	0.917	2.27	0.178	0.586	0.835	---	---	24
25	---	---	0 0.018	0.826	8.31	0.793	2.21	0.193	0.601	0.873	---	---	25
26	---	---	0 0.108	0.881	8.26	0.703	2.11	0.162	0.592	0.8288	---	---	26
27	---	---	0 0.308	0.782	7.69	0.598	1.27	0.172	0.614	0.8508	---	---	27
28	---	---	0 0.108	0.897	8.64	0.588	1.03	0.178	0.808	0.7808	---	---	28
29	---	---	0 1258	0.864	5.70	0.508	0.957	0.220	0.699	0.7078	---	---	29
30	---		0 1508	0.681	4.97	5.84	0.823	0.250	0.680	0.8008	---	---	30
31	---		0 1658		4.98		0.881	0.257		0.5008		---	31
TOTAL	---	---	0.881	25.907	139.638	109.782	233.241	13.918	58.002	28.416	---	---	TOTAL
MEAN	---	---	0.018	0.864	4.50	3.66	7.52	0.449	1.87	0.917	---	---	MEAN
MAX	---	---	0 188	2.01	15.6	9.90	29.9	1.52	5.47	1.27	---	---	MAX
MIN	---	---	0	0.180	0.511	0.508	0.881	0.162	0.348	0 500	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 29.9 ON JUL 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
30.4 AT 11:30 MST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 44 40 N
LONG 117 37 20 W
DRAINAGE AREA, 657 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 200
FEB	---	AUG	1 200
MAR	50 2	SEP	4 840
APR	2 240	OCT	3 480
MAY	12 100	NOV	---
JUN	9 480	DEC	---

TOTAL DISCHARGE, 52 600 dam³

KENNEDY COULEE NEAR ACADIA VALLEY - STATION NO. 05CK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0B	0	0	0	0	0	0	0	---	---	18
19	---	---	0B	0	0	0	0	0	0	0	---	---	19
20	---	---	0B	0	0	0	0	0	0	0	---	---	20
21	---	---	0B	0	0	0	0	0	0	0	---	---	21
22	---	---	0B	0	0	0	0	0	0	0	---	---	22
23	---	---	0B	0	0	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 05 45 N
LONG 110 15 31 W
DRAINAGE AREA, 939 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

KILLARNEY LAKE TRIBUTARY NEAR CHAUVIN - STATION NO 05GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.288	0.005	0.005	0.007	0.001	0.001	0.001	0.0018	---	1
2	---	---	0.0028	0.188	0.005	0.007	0.008	0.001	0.001	0.001	0.0018	---	2
3	---	---	0.0028	0.112	0.005	0.008	0.005	0.001	0.001	0.001	0.0018	---	3
4	---	---	0.0028	0.130	0.005	0.004	0.004	0.001	0.001	0.001	0.0018	---	4
5	---	---	0.0038	0.081	0.004	0.002	0.003	0.001	0.001	0.001	0.0018	---	5
6	---	---	0.0028	0.053	0.003	0.004	0.002	0.001	0.001	0.001	0.0018	---	6
7	---	---	0.0028	0.046	0.003	0.007	0.001	0.001	0.001	0.001	---	---	7
8	---	---	0.0028	0.034	0.002	0.045	0.001	0.001	0.001	0.001	---	---	8
9	---	---	0.0038	0.027	0.003	0.644	0.001	0.001	0.001	0.001	---	---	9
10	---	---	0.0028	0.021	0.002	0.029	0.001	0.001	0.001	0.001	---	---	10
11	---	---	0.0028	0.014	0.002	0.026	0.001	0.001	0.001	0.001	---	---	11
12	---	---	0.0028	0.010	0.002	0.021	0.001	0.001	0.001	0.001	---	---	12
13	---	---	0.0028	0.008	0.001	0.018	0.001	0.001	0.001	0.001	---	---	13
14	---	---	0.0028	0.008	0.001	0.011	0.001	0.001	0.001	0.001	---	---	14
15	---	---	0.0048	0.037	0.001	0.008	0.001	0.001	0.001	0.001	---	---	15
16	---	---	0.0058	0.017	0.001	0.010	0.001	0.001	0.001	0.001	---	---	16
17	---	---	0.0058	0.010	0.001	0.011	0.001	0.001	0.001	0.001	---	---	17
18	---	---	0.0058	0.010	0.001	0.010	0.001	0.001	0.001	0.001	---	---	18
19	---	---	0.0048	0.008	0.001	0.012	0.001	0.001	0.001	0.001	---	---	19
20	---	---	0.0398	0.008	0.001	0.018	0.001	0.001	0.001	0.001	---	---	20
21	---	---	0.0598	0.008	0.001	0.016	0.001	0.001	0.003	0.001	---	---	21
22	---	---	0.2538	0.009	0.001	0.023	0.001	0.001	0.001	0.001	---	---	22
23	---	---	0.3318	0.008	0.001	0.028	0.001	0.001	0.001	0.001	---	---	23
24	---	---	0.7408	0.008	0.002	0.024	0.001	0.001	0.001	0.001	---	---	24
25	---	---	2.08 B	0.008	0.001	0.021	0.001	0.003	0.001	0.001	---	---	25
26	---	---	2.41	0.007	0.001	0.020	0.001	0.002	0.001	0.001	---	---	26
27	---	---	1.71	0.008	0.001	0.018	0.001	0.002	0.001	0.001	---	---	27
28	---	---	1.31	0.008	0.001	0.015	0.001	0.002	0.001	0.0018	---	---	28
29	---	---	0.734	0.008	0.001	0.012	0.001	0.002	0.001	0.0018	---	---	29
30	---		0.473	0.008	0.001	0.008	0.001	0.002	0.001	0.0018	---	---	30
31	---		0.337		0.001		0.001	0.001		0.0018		---	31
TOTAL	---	---	10.540	1.158	0.061	0.477	0.052	0.038	0.032	0.031	---	---	TOTAL
MEAN	---	---	0.340	0.039	0.002	0.018	0.002	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	2.41	0.288	0.005	0.045	0.007	0.003	0.003	0.001	---	---	MAX
MIN	---	---	0.002	0.008	0.001	0.002	0.001	0.001	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.051
MAXIMUM DAILY, 2.41 ON MAR 26
MINIMUM DAILY, 0.001 ON MAY 13
MAXIMUM INSTANTANEOUS,
3.80 AT 11:22 MST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 47 N
LONG 110 08 52 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.48
FEB	---	AUG	3.26
MAR	811	SEP	2.76
APR	100	OCT	2.86
MAY	5.27	NOV	---
JUN	41.2	DEC	---

TOTAL DISCHARGE, 1 070 dam³

KIRKPATRICK LAKE TRIBUTARY NEAR SPONDIN - STATION NO. 05GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.181	0	0	0	0	0	0.010	OE	---	1
2	---	---	0 B	0.133	0	0	0	0	0	0.008	OE	---	2
3	---	---	0 B	0.092	0	0	0	0	0	0.008	OE	---	3
4	---	---	0 B	0.064	0	0	0	0	0	0.008	OE	---	4
5	---	---	0 B	0.048	0	0	0	0	0	0.007	OE	---	5
6	---	---	0 B	0.047	0	0	0	0	0	0.005	OA	---	6
7	---	---	0 B	0.056	0	0	0	0	0	0.005	---	---	7
8	---	---	0 B	0.048	0	0	0	0	0	0.004	---	---	8
9	---	---	0 B	0.029	0	0	0	0	0	0.004	---	---	9
10	---	---	0 B	0.015	0	0	0	0	0	0.003	---	---	10
11	---	---	0 B	0.010	0	0	0	0	0	0.003	---	---	11
12	---	---	0 B	0.007	0	0	0	0	0	0.003	---	---	12
13	---	---	0 B	0.005	0	0	0	0	0	0.002	---	---	13
14	---	---	0 B	0.004	0	0	0	0	0	0.001	---	---	14
15	---	---	0 B	0.002	0	0	0	0	0	0.001	---	---	15
16	---	---	0 B	0.001	0	0	0	0	0	0.001	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0.006	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0.550	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0.426	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0.203	0	---	---	25
26	---	---	0	0	0	0	0	0	0.071	0 E	---	---	26
27	---	---	0.020	0	0	0	0	0	0.071	0 E	---	---	27
28	---	---	0.553	0	0	0	0	0	0.070	0 E	---	---	28
29	---	---	0.356	0	0	0	0	0	0.048	0 E	---	---	29
30	---		0.329	0	0	0	0	0	0.022	0 E	---	---	30
31	---		0.285		0		0	0		0 E		---	31
TOTAL	---	---	1.523	0.750	0	0	0	0	1.477	0.073	---	---	TOTAL
MEAN	---	---	0.049	0.025	0	0	0	0	0.049	0.002	---	---	MEAN
MAX	---	---	0.553	0.191	0	0	0	0	0.550	0.010	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.580 ON SEP 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.708 AT 10:42 MST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 24 N
LONG 111 28 47 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	132	SEP	138
APR	64.8	OCT	6.31
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 331 dam³

KLESKUN HILLS MAIN DRAIN NEAR GRANDE PRAIRIE - STATION NO. 07GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	0.004	0.002	0.002	0.002	0	0	0.001	---	---	1
2	---	---	0.0038	0.003	0.002	0.002	0.002	0	0	0.001	---	---	2
3	---	---	0.0028	0.003	0.002	0.002	0.002	0	0	0.001	---	---	3
4	---	---	0.0028	0.002	0.002	0.001	0.002	0	0	0.002	---	---	4
5	---	---	0.0028	0.001	0.002	0.001	0.002	0	0	0.001	---	---	5
6	---	---	0.0038	0.001	0.002	0.001	0.002	0	0	0.001	---	---	6
7	---	---	0.0038	0.001	0.002	0.071	0.002	0	0.089	0.001	---	---	7
8	---	---	0.0028	0.001	0.002	0.477	0.002	0	0.003	0.001	---	---	8
9	---	---	0.0028	0.001	0.002	0.270	0.002	0	0.001	0.001	---	---	9
10	---	---	0.0028	0.001	0.002	0.083	0.001	0	0.001	0.001	---	---	10
11	---	---	0.0028	0.001	0.002	0.003	0	0	0.014	0.001	---	---	11
12	---	---	0.0018	0.001	0.001	0.002	0	0	0.003	0.001	---	---	12
13	---	---	0.0018	0.001	0.001	0.002	0	0	0.002	0.001	---	---	13
14	---	---	0.0018	0.001	0.001	0.002	0	0	0.001	0.001	---	---	14
15	---	---	0.0018	0.001	0.001	0.001	0	0	0.001	0.001	---	---	15
16	---	---	0.0018	0.001	0.158	0.001	0	0	0.001	0.001	---	---	16
17	---	---	0.0018	0.002	0.576	0.001	0	0	0.001	0.002	---	---	17
18	---	0 B	0.0028	0.001	0.195	0.001	0	0	0.001	0.002	---	---	18
19	---	0.0028	0.0048	0.001	0.083	0.001	0	0	0.001	0.002	---	---	19
20	---	0.0158	0.037E	0.001	0.058	0.001	0	0	0.001	0.002	---	---	20
21	---	0.0108	0.024E	0.001	0.234	0.001	0	0	0.001	0.002	---	---	21
22	---	0.0058	0.035E	0.001	0.318	0.001	0	0	0.001	0.002	---	---	22
23	---	0.0028	0.060E	0.001	0.128	0.001	0	0	0.001	0.002	---	---	23
24	---	0.0018	0.057E	0.002	0.104	0.001	0	0	0.001	0.002	---	---	24
25	---	0.0018	0.052E	0.003	0.038	0.001	0	0	0.001	0.0038	---	---	25
26	---	0.0018	0.060E	0.002	0.004	0	0	0	0.001	0.0038	---	---	26
27	---	0.0038	0.067A	0.002	0.003	0	0	0	0.001	0.0028	---	---	27
28	---	0.0038	0.018	0.002	0.003	0	0	0	0.001	0.0028	---	---	28
29	---	0.0038	0.009	0.003	0.002	0.001	0	0	0.001	0.0018	---	---	29
30	---		0.009	0.003	0.002	0.002	0	0		0.0018	---	---	30
31	---		0.005		0.003		0	0		0.0019		---	31
TOTAL	---	---	0.489	0.046	1.910	0.913	0.018	0	0.140	0.048	---	---	TOTAL
MEAN	---	---	0.015	0.002	0.062	0.030	0.001	0	0.005	0.001	---	---	MEAN
MAX	---	---	0.067	0.004	0.576	0.477	0.002	0	0.089	0.003	---	---	MAX
MIN	---	---	0.001	0.001	0.001	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.576 ON MAY 17
MINIMUM DAILY, 0 ON JUN 28
MAXIMUM INSTANTANEOUS,
0.826 AT 23:30 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 13 29 N
LONG 118 27 37 W
DRAINAGE AREA, 31.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.64
FEB	---	AUG	0
MAR	40.6	SEP	12.1
APR	3.97	OCT	3.97
MAY	185	NOV	---
JUN	73.9	DEC	---

TOTAL DISCHARGE, 308 dam³

KNEEHILLS CREEK NEAR DRUMHELLER - STATION NO. 05CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2148	0	0	0	0.024	0	0	---	---	1
2	---	---	0.0028	0.2128	0	0	0	0.003	0	0	---	---	2
3	---	---	0.0068	0.221	0.002	0	0	0.001	0	0	---	---	3
4	---	---	0.0088	0.192	0.093	0	0	0.185	0	0	---	---	4
5	---	---	0.0108	0.178	0.068	0	0	0.078	0	0	---	---	5
6	---	---	0.0118	0.172	0.052	0	0	0.012	0.183	0	---	---	6
7	---	---	0.0098	0.202	0.090	0	0	0	0.497	0	---	---	7
8	---	---	0.0048	0.148	0.082	0.084	0	0	0.089	0.036	---	---	8
9	---	---	0.0028	0.124	0.036	0.307	0	0	0.004	0.048	---	---	9
10	---	---	0 B	0.109	0.027	0.144	0	0	0.048	0.034	---	---	10
11	---	---	0 B	0.091	0.013	0.080	0	0	0.179	0.034	---	---	11
12	---	---	0 B	0.073	0.003	0.049	0	0	0.177	0.029	---	---	12
13	---	---	0 B	0.053	0.002	0.033	0	0	0.114	0.015	---	---	13
14	---	---	0.3008	0.033	0	0.012	0	0	0.018	0.006	---	---	14
15	---	---	0.4328	0.022	0	0.002	0	0	0.001	0.001	---	---	15
16	---	---	0.4608	0.008	0	0	0	0	0	0	---	---	16
17	---	---	0.4728	0.006	0	0	0	0	0.001	0	---	---	17
18	---	---	0.4928	0.047	0	0	0	0	0	0	---	---	18
19	---	---	0.9068	0.151	0	0	0	0	0	0	---	---	19
20	---	---	0.5158	0.078	0	0	0	0	0.005	0	---	---	20
21	---	---	0.5178	0.082	0	0	0	0	1.12	0	---	---	21
22	---	---	0.5208	0.058	0	0.145	0.089	0	0.538	0	---	---	22
23	---	---	0.5258	0.048	0	0.106	0.018	0	0.283	0.003	---	---	23
24	---	---	0.5108	0.018	0	0.035	0.002	0	0.114	0.027	---	---	24
25	---	---	0.2328	0.011	0	0.020	0	0	0.029	0.049	---	---	25
26	---	---	0.2288	0.008	0	0.007	0	0	0.008	0.0788	---	---	26
27	---	0B	0.2248	0.005	0	0.004	0	0	0.001	0.0258	---	---	27
28	---	0B	0.2218	0.002	0.014	0.003	0	0		0.0118	---	---	28
29	---	0B	0.2188	0	0.001	0.001	0.035	0	0	0.0088	---	---	29
30	---		0.2168	0	0	0	0.538	0	0	0.0088	---	---	30
31	---		0.2158		0		0.110	0		0.0058		---	31
TOTAL	---	---	6.857	2.541	0.481	1.032	0.788	0.303	3.389	0.414	---	---	TOTAL
MEAN	---	---	0.221	0.085	0.015	0.034	0.025	0.010	0.112	0.013	---	---	MEAN
MAX	---	---	0.525	0.221	0.093	0.307	0.538	0.185	1.12	0.078	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.12 ON SEP 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.12 AT 22:56 MST ON SEP 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 40 N
LONG 112 51 30 W
DRAINAGE AREA, 2 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	68.4
FEB	---	AUG	28.2
MAR	592	SEP	291
APR	220	OCT	35.8
MAY	39.8	NOV	---
JUN	89.2	DEC	---

TOTAL DISCHARGE, 1 380 dam³

KRAWCHUK DRAINAGE NEAR MCLENNAN - STATION NO. 07HA902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.022	0.018	0.080	0.134	0	0	0	---	---	1
2	---	---	---	0.011	0.013	0.038	0.063	0	0	0	---	---	2
3	---	---	---	0.004	0.005	0.022	0.032	0	0	0	---	---	3
4	---	---	---	0.001	0.006	0.010	0.006	0	0	0	---	---	4
5	---	---	---	0	0.002	0.010	0	0	0	0	---	---	5
6	---	---	---	0.001	0	0.192	0	0	0	0	---	---	6
7	---	---	---	0	0	0.892	0.044	0	0	0	---	---	7
8	---	---	---	0	0	0.649	0.094	0	0	0	---	---	8
9	---	---	---	0	0	0.327	0.056	0	0	0	---	---	9
10	---	---	---	0	0	0.181	0.013	0	0	0	---	---	10
11	---	---	---	0.004	0	0.119	0	0	0	0	---	---	11
12	---	---	---	0.012	0	0.074	0.006	0	0	0	---	---	12
13	---	---	---	0.014	0	0.035	0.010	0	0	0	---	---	13
14	---	---	---	0.011	0	0.007	0	0	0	0	---	---	14
15	---	---	---	0.001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0.013	0	0	0	0	0	---	---	16
17	---	---	---	0	0.071	0	0	0	0	0	---	---	17
18	---	---	---	0	0.083	0	0	0	0	0	---	---	18
19	---	---	---	0	0.072	0	0	0	0	0	---	---	19
20	---	---	0.0328	0	0.311	0	0	0	0	0	---	---	20
21	---	---	0.0838	0	1.44	0	0	0	0	0	---	---	21
22	---	---	0.1028	0	0.918	0	0	0	0	0	---	---	22
23	---	---	0.0888	0	0.330	0	0	0	0	0	---	---	23
24	---	---	0.0838	0.003	0.184	0	0	0	0	0	---	---	24
25	---	---	0.0808	0.008	0.185	0	0	0	0	0B	---	---	25
26	---	---	0.1018	0.016	0.112	0	0	0	0	0B	---	---	26
27	---	---	0.0778	0.020	0.081	0	0	0	0	0B	---	---	27
28	---	0B	0.0518	0.013	0.061	0	0	0	0	0B	---	---	28
29	---	---	0.0408	0.011	0.039	0	0	0	0	0B	---	---	29
30	---		0.030	0.012	0.033	0.230	0	0	0	0B	---	---	30
31	---		0.028		0.062		0	0		0B		---	31
TOTAL	---	---	---	0.164	3.897	2.856	0.458	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.005	0.129	0.083	0.015	0	0	0	---	---	MEAN
MAX	---	---	---	0.022	1.44	0.892	0.134	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.44 ON MAY 21
MINIMUM DAILY, 0B ON MAR 16
MAXIMUM INSTANTANEOUS,
1.80 AT 17:50 MST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 00 N
LONG 117 02 00 W
DRAINAGE AREA, 13.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	39.8
FEB	---	AUG	0
MAR	---	SEP	0
APR	14.2	OCT	0
MAY	345	NOV	---
JUN	229	DEC	---

KYISKAP CREEK NEAR GRANUM - STATION NO. 05AB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0A	---	---	28
29	---	0A	0	0	0	0	0	0	0	0E	---	---	29
30	---		0	0	0		0	0		0E		---	30
31	---		0		0		0	0				---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 55 N
LONG 113 35 25 W
DRAINAGE AREA, 191 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

L N I D - MONARCH BRANCH CANAL BELOW MONARCH HEADGATES - STATION NO 05AC038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	12 6	9 64	0 700E	3 58	0.800E	---	---	1
2	---	---	---	---	0	12 4	9 48	0 700E	3 84	1 40 E	---	---	2
3	---	---	---	---	0	13 7	8 35	0 700E	3 92	1 50 E	---	---	3
4	---	---	---	---	0	13 3	10 8	0 700E	3 86	1 41	---	---	4
5	---	---	---	---	0	13 3	12 2	0 700E	3 15	2.48	---	---	5
6	---	---	---	---	0	12 6	13 2	0 700E	0 863	1 58	---	---	6
7	---	---	---	---	0 700E	11 8	13 6	5 86	0 400E	1 48	---	---	7
8	---	---	---	---	2 07	10 8	13 4	8 80	0 400E	1 05	---	---	8
9	---	---	---	---	2 13	9 01	7 49	7 87	0 400E	0 956	---	---	9
10	---	---	---	---	2 15	8 26	1 75	7 29	0 400E	0 938	---	---	10
11	---	---	---	---	2 21	7 65	1 31	6 85	0 400E	0 300E	---	---	11
12	---	---	---	---	2 24	7 78	1 28	6 57	0 400E	0	---	---	12
13	---	---	---	---	2 26	8 30	1 26	6 87	0 400E	0	---	---	13
14	---	---	---	---	2 27	8.43	1 15	6 27	0 400E	0	---	---	14
15	---	---	---	---	4 13	8 80	1 00	4 88	0.400E	0	---	---	15
16	---	---	---	---	3 68	9 06	1 38	2 77	0 400E	0	---	---	16
17	---	---	---	---	3 74	9 05	4 27	2 15	0 800E	0	---	---	17
18	---	---	---	---	5 26	8 91	10 2	1 38	0 800E	0	---	---	18
19	---	---	---	---	5 72	8 95	11 4	0 400E	1 88	0	---	---	19
20	---	---	---	---	6 11	8 98	9 07	0 400E	2 33	0	---	---	20
21	---	---	---	---	6 30	9 15	10 6	0 400E	1 41	0	---	---	21
22	---	---	---	---	8 19	9 01	10 4	0 400E	0 883	0	---	---	22
23	---	---	---	---	10 8	2 91	10 2	0 400E	0 811	0	---	---	23
24	---	---	---	---	12 0	3 87	11 8	0 400E	0 918	0	---	---	24
25	---	---	---	---	13.5	3.55	12 1	0.400E	0.787	0	---	---	25
26	---	---	---	---	12 1	5 26	11 8	0.400E	0.587	0	---	---	26
27	---	---	---	---	12 1	7 10	10 9	0.400E	1.00 E	0	---	---	27
28	---	---	---	---	11 3	8 58	10 4	0 872	1.50 E	0	---	---	28
29	---	---	---	---	11.8	10 3	7 88	2 63	1.50 E	0	---	---	29
30	---	---	---	---	12 8	10 ·	1 00 E	3 23	1.50 E	0	---	---	30
31	---		---		13 0		0 900E	3 83		0		---	31
TOTAL	---	---	---	---	188 030	288 10	241.120	85 432	35.788	13.844	---	---	TOTAL
MEAN	---	---	---	---	6.45	8 94	7 78	2 76	1 33	0 447	---	---	MEAN
MAX	---	---	---	---	13 0	13.2	13 6	8 80	3 92	2.48	---	---	MAX
MIN	---	---	---	---	0	2 87	0.900	0 400	0 400	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 13.5 ON JUL 7
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
14.4 AT 09:10 MST ON MAY 25

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 00 N
LONG 113 11 00 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20 800
FEB	---	AUG	7 380
MAR	---	SEP	3 440
APR	---	OCT	1 200
MAY	14 600	NOV	---
JUN	23 200	DEC	---

LA BICHE RIVER AT HIGHWAY NO. 63 - STATION NO 07CA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.008	4.008	4.408	11.5 B	10.1	8.41	3.02	2.50	2.01	2.81	2.848	2.998	1
2	3.998	4.048	4.478	11.0 B	10.2	11.8	3.10	2.53	2.18	2.60	2.848	2.998	2
3	3.998	3.988	4.518	11.0 B	9.81	11.7	2.82	2.52	2.03	2.58	2.918	3.038	3
4	3.888	3.898	4.398	11.0 B	9.54	11.1	2.81	2.50	1.88	2.80	2.928	2.988	4
5	3.978	3.828	4.578	11.1 B	9.22	9.78	2.84	2.53	2.04	3.18	2.938	2.998	5
6	3.978	3.888	4.568	11.1 B	8.82	9.18	3.11	2.48	2.10	2.88	2.978	3.018	6
7	3.988	3.708	3.868	11.1	8.47	9.72	3.53	2.48	2.95	3.01	2.948	3.128	7
8	3.968	3.788	3.988	11.0	8.58	10.2	3.81	2.32	2.87	3.18	2.888	3.188	8
9	3.958	3.698	4.008	11.1	8.59	9.77	3.84	2.20	2.81	3.24	2.848	3.198	9
10	3.948	3.528	4.058	11.1	8.14	9.35	3.58	2.23	2.78	3.32	2.818	3.218	10
11	3.938	3.488	4.188	11.0	7.81	8.57	3.48	2.27	2.57	3.38	2.778	3.158	11
12	3.958	3.428	4.158	10.9	8.13	7.61	3.30	2.21	2.58	3.50	2.728	3.148	12
13	3.858	3.388	4.128	10.8	8.12	7.08	3.40	2.37	2.56	3.61	2.618	3.188	13
14	3.888	3.408	4.228	10.8	8.26	6.28	3.38	2.43	2.57	3.77	2.488	3.238	14
15	3.938	3.778	4.268	11.0	7.81	5.44	3.04	2.27	2.62	3.89	2.378	3.148	15
16	3.898	4.138	4.488	10.8	7.55	5.12	2.83	2.25	2.74	3.77	2.378	3.178	16
17	4.018	4.118	4.648	10.3	7.12	4.22	2.75	2.28	2.74	3.45	2.448	3.238	17
18	3.798	4.188	4.818	10.2	7.48	3.72	2.70	2.25	2.63	4.15	2.528	3.208	18
19	3.848	4.068	5.188	10.3	8.27	3.88	2.66	2.19	2.86	4.67	2.658	3.228	19
20	3.818	4.108	5.828	10.4	8.45	4.09	2.71	2.13	2.84	5.07	2.748	3.328	20
21	3.858	4.198	6.188	10.5	7.58	4.03	2.77	1.97	2.80	5.30	2.738	3.338	21
22	3.878	4.308	6.928	10.1	7.85	3.82	2.61	1.96	2.70	5.18	2.638	3.368	22
23	3.728	4.338	8.368	9.92	8.08	3.18	2.68	2.09	2.58	5.23	2.888	3.388	23
24	3.608	4.348	9.218	9.84	8.28	3.02	2.88	2.08	2.58	5.54	2.868	3.348	24
25	3.718	4.408	11.4 B	9.82	8.03	3.00	2.74	2.02	2.85	6.18	2.828	3.348	25
26	3.638	4.288	12.9 B	9.81	7.78	2.84	2.65	2.03	2.84	6.188	2.808	3.358	26
27	3.738	4.318	13.2 B	9.90	7.72	3.00	2.68	2.06	2.58	6.688	2.858	3.408	27
28	3.788	4.268	13.3 B	10.2	7.68	3.05	2.70	2.02	2.60	6.298	2.928	3.388	28
29	3.818	4.238	13.0 B	10.1	7.32	3.03	2.67	1.81	2.87	3.198	2.948	3.418	29
30	3.848		12.5 B	10.1	6.91	3.03	2.56	1.81	2.68	2.868	2.988	3.458	30
31	3.828		12.0 B		6.74		2.50	1.82		3.078		3.398	31
TOTAL	118.45	114.84	207.52	317.89	254.58	188.84	92.06	68.20	76.38	116.27	83.17	99.78	TOTAL
MEAN	3.85	3.95	6.70	10.6	8.21	6.29	2.97	2.20	2.55	3.82	2.77	3.22	MEAN
MAX	4.01	4.40	13.3	11.5	10.2	11.8	3.84	2.53	2.95	6.18	2.96	3.45	MAX
MIN	3.55	3.36	3.86	9.81	6.74	2.84	2.50	1.81	1.88	2.58	2.37	2.99	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.78
MAXIMUM DAILY, 13.38 ON MAR 28
MINIMUM DAILY, 1.81 ON AUG 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 10 N
LONG 112 30 10 W
DRAINAGE AREA, 4 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 300	JUL	7 950
FEB	9 900	AUG	5 890
MAR	17 900	SEP	6 600
APR	27 500	OCT	10 200
MAY	22 000	NOV	7 190
JUN	16 300	DEC	8 620

TOTAL DISCHARGE, 150 000 dam³

LAC LA BICHE AT LAC LA BICHE - STATION NO 07CA004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	543.511	543.476	---	---	---	1
2	---	---	---	543.317	543.281	---	---	543.516	---	---	---	---	2
3	---	---	---	---	---	---	---	543.516	---	---	---	---	3
4	---	---	---	---	---	---	543.472	543.516	---	---	---	---	4
5	---	---	---	---	---	---	543.477	543.506	---	---	---	---	5
6	---	---	---	---	---	---	543.477	543.506	543.446	---	---	---	6
7	---	---	---	---	---	---	543.477	543.506	---	---	---	---	7
8	---	---	---	---	---	---	---	543.506	---	---	---	---	8
9	---	---	---	543.303	---	---	543.507	543.506	---	---	---	---	9
10	---	---	---	---	---	---	543.507	543.506	---	---	---	---	10
11	---	---	---	---	---	---	543.507	543.506	---	543.454	---	---	11
12	---	---	---	---	---	---	543.507	543.506	---	---	---	---	12
13	---	---	---	---	543.257	---	543.507	543.506	---	---	---	---	13
14	---	---	---	---	---	---	543.507	---	---	---	---	---	14
15	---	---	---	---	---	---	543.512	---	---	---	---	---	15
16	---	---	---	---	---	---	543.512	---	---	---	---	---	16
17	---	---	---	---	---	---	543.512	---	---	---	---	---	17
18	---	---	---	---	---	---	543.512	---	---	---	---	---	18
19	---	---	---	---	---	---	543.512	543.486	---	---	---	---	19
20	---	---	---	---	---	543.467	543.513	543.486	---	---	---	---	20
21	---	---	---	---	---	---	543.517	543.486	---	---	---	---	21
22	---	---	---	---	---	---	---	543.486	---	---	---	---	22
23	---	---	---	---	543.307	---	543.518	543.486	---	---	---	---	23
24	---	---	---	---	---	---	543.518	543.486	---	---	---	---	24
25	---	---	---	---	---	---	543.518	543.486	---	---	---	---	25
26	---	---	---	---	---	---	543.518	543.488	---	---	---	---	26
27	---	---	543.314	---	---	543.477	543.518	543.488	---	---	---	---	27
28	---	---	---	---	---	543.477	543.518	543.488	---	---	---	---	28
29	---	---	---	---	---	543.477	543.518	543.488	---	---	---	---	29
30	---		---	---	---	---	543.518	543.478	---	---	---	---	30
31	---		---		---		543.518	543.478		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 45 26 N
LONG 111 58 43 W

NATURAL FLOW

DRAINAGE AREA,
4 330 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAC LA NONNE AT LAC LA NONNE - STATION NO. 07EB007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.689	---	0.785	0.744	0.634	0.653	---	---	1
2	---	---	---	0.685	0.689	---	0.785	0.744	0.634	0.653	---	---	2
3	---	---	---	---	0.689	0.789	0.785	0.748	0.629	0.653	---	---	3
4	---	---	---	---	0.719	0.784	0.785	0.749	0.624	0.648	---	---	4
5	---	---	0.830	---	0.719	---	0.785	0.744	0.623	0.648	---	---	5
6	---	---	---	---	0.719	0.788	0.785	0.734	0.623	0.648	---	---	6
7	---	---	---	---	0.719	0.788	0.785	0.734	0.643	0.648	---	---	7
8	---	---	---	---	0.719	0.788	0.785	0.734	0.643	0.648	---	---	8
9	---	---	---	0.889	0.719	0.788	0.785	0.724	0.643	0.643	---	---	9
10	---	---	---	---	0.719	0.789	0.785	0.719	0.683	0.643	---	---	10
11	---	---	---	---	0.729	0.789	0.784	0.719	0.663	0.643	---	---	11
12	---	---	---	---	0.729	---	0.784	0.714	0.663	0.643	---	---	12
13	---	---	---	---	0.729	0.833	0.784	0.714	0.663	0.648	---	---	13
14	---	---	---	---	0.739	0.830	0.784	0.704	0.663	0.648	---	---	14
15	---	---	---	---	0.739	0.825	0.784	0.704	0.683	0.648	---	---	15
16	---	---	---	---	0.739	0.825	0.788	0.684	0.683	0.648	---	---	16
17	---	---	---	---	0.749	0.825	0.788	0.684	0.683	---	---	---	17
18	---	---	---	---	0.749	0.825	0.784	0.684	0.683	---	---	---	18
19	---	---	---	---	0.754	0.825	0.784	0.684	0.683	0.683	---	---	19
20	---	---	---	---	0.754	0.815	0.784	0.684	0.683	0.683	---	---	20
21	---	---	---	---	0.754	0.815	0.785	0.684	0.683	0.683	---	---	21
22	---	---	---	---	0.754	0.815	0.784	0.689	0.683	0.683	---	---	22
23	---	---	---	---	0.754	0.815	0.779	0.689	0.678	0.683	---	---	23
24	---	---	---	---	0.764	0.815	0.779	0.689	0.678	0.683	---	---	24
25	---	---	---	---	0.769	0.825	0.789	0.689	0.678	0.683	---	---	25
26	---	---	0.858	---	0.769	0.805	0.784	0.684	0.678	0.683	---	---	26
27	---	---	---	---	0.769	0.795	0.784	0.684	0.678	0.683	---	---	27
28	---	---	---	---	0.769	0.795	0.769	0.684	0.678	---	---	---	28
29	---	---	---	---	0.769	0.795	0.744	0.684	0.678	0.673	---	---	29
30	---		---	---	0.769	0.795	0.744	0.684	0.683	---	---	---	30
31	---		---		---		0.744	0.634		---		---	31
MEAN	---	---	---	---	---	---	0.780	0.700	0.683	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.785	0.749	0.683	---	---	---	MAX
MIN	---	---	---	---	---	---	0.744	0.634	0.623	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.833 ON JUN 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 41 N
LONG 114 18 43 W

NATURAL FLOW

DRAINAGE AREA, 298 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC STE. ANNE AT ALBERTA BEACH - STATION NO. 05EA005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	722.858	---	---	---	---	722.788	---	722.778	---	---	1
2	---	---	---	---	---	---	---	722.788	---	---	---	---	2
3	---	---	---	---	---	---	722.829	---	---	722.778	---	---	3
4	---	---	---	722.889	---	722.748	722.829	722.788	---	722.778	---	---	4
5	---	---	---	---	---	---	---	722.788	722.688	722.778	---	---	5
6	---	---	---	---	---	---	---	722.788	---	722.778	---	---	6
7	---	---	---	---	722.718	---	---	722.788	---	---	---	---	7
8	---	---	---	---	722.718	---	---	---	---	722.778	---	---	8
9	---	---	---	---	---	---	722.829	---	---	722.778	---	---	9
10	---	---	---	---	---	722.818	722.829	722.788	722.748	722.778	---	---	10
11	---	---	---	---	722.729	722.818	---	---	---	---	---	---	11
12	---	---	---	722.709	---	722.818	722.829	---	---	722.778	---	---	12
13	---	---	---	---	722.729	---	722.829	---	---	722.778	---	---	13
14	---	---	---	---	722.729	722.829	---	722.778	---	722.778	---	---	14
15	---	---	---	---	---	722.829	---	722.778	---	---	---	---	15
16	---	---	---	---	---	---	---	722.788	722.738	---	---	---	16
17	---	---	---	---	---	---	---	722.767	---	---	---	---	17
18	---	---	---	---	722.748	---	---	---	---	---	---	---	18
19	---	---	---	---	722.748	722.828	---	---	---	---	---	---	19
20	---	---	---	---	---	722.818	---	---	---	---	---	---	20
21	---	---	---	---	---	722.818	---	722.747	---	---	---	---	21
22	---	---	---	---	---	722.818	---	722.747	---	722.818	---	---	22
23	---	---	---	---	---	---	722.787	---	---	---	---	---	23
24	---	---	---	---	722.749	---	722.788	---	---	---	---	---	24
25	---	---	---	---	---	---	722.788	722.737	---	---	---	---	25
26	---	---	---	---	---	722.828	722.788	722.737	722.778	---	---	---	26
27	---	---	---	---	---	722.828	722.788	---	722.778	---	---	---	27
28	---	---	---	---	722.769	722.828	---	---	---	---	---	---	28
29	---	---	---	---	---	---	722.785	---	722.778	722.818	---	---	29
30	---	---	722.879	---	---	---	---	---	722.778	---	---	---	30
31	---		---	722.785	---		722.788	---	---	---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 59 36 N
LONG 114 21 27 W

DRAINAGE AREA, 702 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAFOND CREEK NEAR RED EARTH CREEK - STATION NO. 07JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0358	1.61	5.71	1.28	0.380	0.075	0.077	0.0828	---	1
2	---	---	0 B	0.0658	1.28	5.62	1.38	0.261	0.066	0.085	0.0818	---	2
3	---	---	0 B	0.1208	1.06	10.8	2.61	0.188	0.082	0.089	---	---	3
4	---	---	0 B	0.3858	0.977	12.2	5.28	0.184	0.106	0.156	---	---	4
5	---	---	0 B	0.7958	0.795	10.9	6.15	0.178	0.111	0.242	---	---	5
6	---	---	0 B	1.23 B	0.730	8.08	6.24	0.230	0.149	0.305	---	---	6
7	---	---	0 B	1.58 B	0.622	7.73	5.98	0.420	0.188	0.125	---	---	7
8	---	---	0 B	2.41 B	0.562	7.46	7.17	0.465	0.189	0.175	---	---	8
9	---	---	0 B	2.38 B	0.515	7.21	7.33	0.410	0.188	0.156	---	---	9
10	---	---	0 B	2.46 B	0.551	6.68	6.88	0.402	0.172	0.182	---	---	10
11	---	---	0 B	2.59 B	0.717	5.93	6.26	0.356	0.136	0.178	---	---	11
12	---	---	0 B	3.45 B	0.883	5.12	5.07	0.308	0.125	0.173	---	---	12
13	---	---	0 B	4.15 B	1.51	4.32	4.25	0.294	0.108	0.178	---	---	13
14	---	---	0 B	4.80 B	1.88	3.59	3.53	0.323	0.083	0.204	---	---	14
15	---	---	0 B	4.25 E	2.10	2.93	3.20	0.251	0.071	0.218	---	---	15
16	---	---	0 B	3.10 E	2.34	2.68	3.32	0.218	0.081	0.205	---	---	16
17	---	---	0 B	2.65 E	3.78	2.14	3.06	0.208	0.108	0.1788	---	---	17
18	---	---	0 B	2.66 A	5.15	1.80	2.77	0.183	0.107	0.1588	---	---	18
19	---	---	0 B	2.86	9.69	1.74	2.33	0.130	0.118	0.1388	---	---	19
20	---	---	0 B	2.82	14.6	1.68	1.97	0.103	0.100	0.1388	---	---	20
21	---	---	0 0028	2.58	17.2	1.63	1.75	0.072	0.083	0.1398	---	---	21
22	---	---	0 0058	3.43	17.6	1.67	1.68	0.058	0.082	0.1608	---	---	22
23	---	---	0 0078	2.31	18.7	1.69	1.33	0.049	0.080	0.1878	---	---	23
24	---	---	0 0108	2.18	15.3	1.78	1.21	0.041	0.088	0.1848	---	---	24
25	---	---	0 0158	2.14	14.3	1.54	1.15	0.040	0.081	0.1898	---	---	25
26	---	---	0 0208	1.90	11.5	1.32	1.08	0.030	0.087	0.1808	---	---	26
27	---	---	0 0258	1.78	9.40	1.07	0.953	0.029	0.087	0.1668	---	---	27
28	---	---	0 0308	1.67	8.17	0.918	0.792	0.028	0.071	0.1428	---	---	28
29	---	0B	0 0308	1.56	7.48	0.812	0.859	0.088	0.086	0.0898	---	---	29
3	---		0 0258	1.46	6.48	0.958	0.526	0.091	0.088	0.0688	---	---	30
31	---		0 0308		5.34		0.458	0.099		0.0828		---	31
TOTAL	---	---	0 189	84.810	182.882	135.998	97.438	6.089	3.120	4.801	---	---	TOTAL
MEAN	---	---	0.006	2.18	5.90	4.53	3.14	0.197	0.104	0.158	---	---	MEAN
MAX	---	---	0.030	4.80	17.6	12.2	7.33	0.465	0.189	0.305	---	---	MAX
MIN	---	---	0	0.035	0.515	0.812	0.458	0.028	0.066	0.082	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.02
MAXIMUM DAILY, 17.6 ON MAY 22
MINIMUM DAILY, 0.028 ON MAR 1
MAXIMUM INSTANTANEOUS,
18.2 AT 11:30 MST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 04 40 N
LONG 115 05 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 420
FEB	---	AUG	527
MAR	17 2	SEP	270
APR	5 600	OCT	423
MAY	15 800	NOV	---
JUN	11 800	DEC	---

TOTAL DISCHARGE, 42 900 dam³

LAKE ABRAHAM NEAR NORDEGG - STATION NO. 05DC009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1308.54	1305.95	1302.75	1297.81	1291.04	1289.21	1301.86	1311.36	1317.07	1316.11	1316.49	1312.59	1
2	1308.48	1305.82	1302.59	1297.59	1290.77	1289.33	1302.08	1311.80	1317.04	1316.08	1316.34	1312.44	2
3	1309.45	1305.70	1302.41	1297.35	1290.52	1289.48	1302.23	1312.22	1317.01	1316.08	1316.25	1312.32	3
4	1309.36	1305.61	1302.24	1297.14	1290.25	1289.61	1302.36	1312.71	1317.04	1316.08	1316.13	1312.16	4
5	1309.30	1305.52	1302.11	1296.92	1290.01	1289.78	1302.62	1313.14	1317.04	1316.05	1316.03	1312.04	5
6	1309.18	1305.40	1301.92	1296.71	1289.78	1289.97	1302.86	1313.57	1317.19	1316.05	1315.91	1311.92	6
7	1309.12	1305.31	1301.74	1296.50	1289.52	1290.25	1303.20	1313.93	1317.28	1316.08	1315.79	1311.77	7
8	1309.02	1305.21	1301.59	1296.25	1289.24	1290.58	1303.36	1314.21	1317.35	1316.14	1315.67	1311.68	8
9	1308.90	1305.12	1301.44	1296.04	1289.15	1291.01	1303.42	1314.51	1317.44	1316.17	1315.55	1311.55	9
10	1308.78	1305.00	1301.25	1295.80	1288.97	1291.36	1303.51	1314.65	1317.50	1316.20	1315.46	1311.43	10
11	1308.66	1304.91	1301.10	1295.58	1288.76	1291.68	1303.72	1315.15	1317.56	1316.20	1315.36	1311.31	11
12	1308.54	1304.82	1300.95	1295.36	1288.57	1292.17	1304.00	1315.52	1317.65	1316.17	1315.21	1311.16	12
13	1308.41	1304.73	1300.83	1295.13	1288.42	1292.78	1304.33	1315.78	1317.66	1316.17	1315.03	1311.01	13
14	1308.28	1304.64	1300.70	1294.88	1288.24	1293.45	1304.67	1315.97	1317.74	1316.11	1314.91	1310.85	14
15	1308.14	1304.51	1300.61	1294.64	1288.18	1294.27	1304.94	1316.07	1317.74	1316.05	1314.79	1310.76	15
16	1307.99	1304.38	1300.52	1294.42	1288.08	1295.06	1305.28	1316.16	1317.77	1317.99	1314.63	1310.64	16
17	1307.84	1304.30	1300.43	1294.27	1287.96	1295.56	1305.64	1316.28	1317.83	1317.88	1314.51	1310.49	17
18	1307.65	1304.15	1300.34	1294.09	1287.80	1295.83	1306.10	1316.36	1318.02	1317.83	1314.42	1310.37	18
19	1307.53	1304.06	1300.25	1293.88	1287.86	1296.06	1306.36	1316.43	1316.20	1317.77	1314.30	1310.21	19
20	1307.35	1303.83	1300.09	1293.68	1288.05	1296.18	1306.71	1316.43	1316.26	1317.74	1314.15	1310.06	20
21	1307.17	1303.61	1299.94	1293.48	1288.15	1296.44	1307.04	1316.43	1316.32	1317.68	1314.05	1309.91	21
22	1307.01	1303.75	1299.79	1293.27	1288.21	1296.68	1307.28	1316.46	1316.32	1317.68	1313.84	1309.79	22
23	1306.83	1303.88	1299.64	1293.06	1288.34	1297.14	1307.50	1316.52	1316.35	1317.68	1313.72	1309.63	23
24	1306.77	1303.57	1299.48	1292.81	1288.27	1297.76	1307.74	1316.61	1316.35	1317.83	1313.63	1309.51	24
25	1306.71	1303.48	1299.33	1292.57	1288.21	1298.27	1308.08	1316.71	1316.32	1317.41	1313.51	1309.39	25
26	1306.62	1303.36	1299.13	1292.35	1288.12	1298.75	1308.45	1316.77	1316.26	1317.26	1313.39	1309.26	26
27	1306.48	1303.20	1298.91	1292.11	1288.06	1299.27	1308.86	1316.86	1316.20	1317.23	1313.20	1309.23	27
28	1306.37	1303.08	1298.69	1291.83	1288.12	1299.85	1309.45	1317.04	1316.17	1317.10	1313.02	1309.27	28
29	1306.31	1303.00	1298.48	1291.58	1288.15	1300.47	1309.84	1317.07	1316.17	1316.95	1312.90	1309.24	29
30	1306.18		1298.27	1291.29	1288.42	1301.47	1310.40	1317.07	1316.17	1316.77	1312.74	1309.21	30
31	1306.07		1298.02		1288.91		1310.85	1317.07		1316.61		1309.18	31
MEAN	1307.90	1304.48	1300.60	1294.61	1288.78	1294.33	1308.85	1315.28	1317.77	1317.79	1314.70	1310.66	MEAN
MAX	1308.54	1305.95	1302.75	1297.81	1291.04	1301.47	1310.85	1317.07	1318.35	1318.20	1316.49	1312.59	MAX
MIN	1306.07	1302.90	1298.02	1291.29	1287.90	1289.21	1301.86	1311.36	1317.01	1316.61	1312.74	1309.18	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1308.06
MAXIMUM DAILY, 1318.35 ON SEP 23
MINIMUM DAILY, 1287.90 ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 26 N
LONG 116 10 42 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1972

DRAINAGE AREA,
3 690 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT BUSTARD ISLAND - STATION NO 07MD002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	208.395	208.335	208.279	---	---	---	209.254	---	208.023	208.918	208.885	1
2	---	208.374	208.346	208.276	---	---	---	209.257	---	208.005	208.945	208.867	2
3	---	208.353	208.317	208.292	---	---	---	209.254	---	208.082	208.926	208.871	3
4	---	208.356	208.344	208.287	---	---	---	209.245	---	208.066	208.914	208.870	4
5	---	208.362	208.347	208.292	---	---	---	209.254	---	208.003	208.907	208.884	5
6	---	208.376	208.316	208.291	---	---	---	209.407	---	208.010	208.941	208.874	6
7	---	208.370	208.337	208.294	---	---	---	---	---	208.990	208.953	208.873	7
8	---	208.371	208.321	208.293	---	---	---	---	---	208.995	208.926	208.875	8
9	208.459	208.358	208.306	208.307	---	---	---	---	---	208.959	208.922	208.867	9
10	208.459	208.372	208.302	208.303	---	---	209.184	---	---	209.008	208.900	208.859	10
11	208.458	208.367	208.309	208.307	---	---	---	---	---	208.988	208.885	208.860	11
12	208.456	208.378	208.328	208.311	---	---	---	---	---	208.958	208.906	208.878	12
13	208.443	208.380	208.314	208.307	---	---	---	---	---	208.886	208.937	208.874	13
14	208.423	208.371	208.314	208.332	---	---	---	---	208.998	208.815	208.939	208.871	14
15	208.389	208.369	208.329	208.334	---	---	---	---	209.021	208.920	208.873	208.831	15
16	208.398	208.373	208.326	208.317	---	---	209.193	---	208.858	209.243	208.876	208.829	16
17	208.400	208.370	208.328	208.319	---	---	209.081	---	208.950	209.001	208.918	208.840	17
18	208.407	208.368	208.331	208.347	---	208.835	209.188	---	208.954	209.210	208.942	208.840	18
19	208.410	208.354	208.307	208.379	---	---	209.185	---	209.031	208.982	208.924	208.833	19
20	208.382	208.351	208.309	208.378	---	---	209.273	---	209.085	208.962	208.897	208.841	20
21	208.392	208.368	208.313	208.382	---	---	209.212	---	209.152	208.953	208.892	208.813	21
22	208.411	208.367	208.313	208.385	---	---	209.267	---	209.100	208.985	208.905	208.828	22
23	208.389	208.351	208.308	208.414	---	---	209.278	---	209.022	209.014	208.890	208.808	23
24	208.372	208.335	208.304	208.437	---	---	209.324	---	209.021	208.951	208.882	208.809	24
25	208.388	208.334	208.300	208.461	---	---	209.311	---	209.015	208.979	208.884	208.818	25
26	208.382	208.317	208.301	208.472	---	---	209.295	---	208.984	208.910	208.877	208.816	26
27	208.368	208.345	208.297	208.480	---	---	209.277	209.151	208.925	208.887	208.874	208.831	27
28	208.370	208.358	208.301	---	---	---	209.234	---	208.956	208.801	208.904	208.827	28
29	208.374	208.380	208.284	---	208.826	---	209.242	---	208.972	208.894	208.879	208.814	29
30	208.382		208.280	---	---	---	209.263	---	208.981	208.910	208.871	208.823	30
31	208.377		208.269		---		209.264	---		208.912		208.824	31
MEAN	---	208.380	208.314	---	---	---	---	---	---	208.989	208.907	208.845	MEAN
MAX	---	208.395	208.347	---	---	---	---	---	---	209.450	208.953	208.884	MAX
MIN	---	208.317	208.269	---	---	---	---	---	---	208.801	208.871	208.805	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 55 N
LONG 110 48 40 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA AT FORT CHIPEWYAN - STATION NO 07MD001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.340	208.182	207.951	207.822	---	208.570	---	209.206	209.223	208.037	208.849	208.825	1
2	208.370	208.176	207.963	207.817	---	208.483	---	209.219	209.325	208.053	208.903	208.825	2
3	208.328	208.164	207.929	207.832	---	208.581	---	209.211	209.065	208.091	208.857	208.830	3
4	208.353	208.183	207.954	207.832	---	208.606	---	209.224	209.082	208.048	208.841	208.828	4
5	208.345	208.142	207.977	207.837	---	208.577	---	209.218	209.138	208.728	208.837	208.847	5
6	208.332	208.145	207.914	207.818	---	208.578	---	209.503	209.487	208.871	208.879	208.824	6
7	208.330	208.125	207.922	207.806	208.465	208.606	---	209.353	209.459	208.938	208.850	208.812	7
8	208.314	208.109	207.920	207.801	208.512	208.736	---	209.188	209.107	208.928	208.848	208.816	8
9	208.316	208.078	207.901	207.825	208.525	208.574	---	209.203	208.989	208.870	208.862	208.806	9
10	208.328	208.093	207.878	207.844	208.524	208.487	209.148	208.992	208.993	208.991	208.844	208.775	10
11	208.336	208.070	207.898	207.858	208.484	208.469	209.097	209.007	208.985	208.980	208.848	208.798	11
12	208.333	208.087	207.918	207.858	208.474	208.727	209.170	209.214	208.994	208.905	208.889	208.803	12
13	208.318	208.052	207.905	207.837	208.553	208.863	209.145	209.281	208.933	208.770	208.908	208.795	13
14	208.289	208.071	207.900	207.878	---	208.913	209.068	209.149	208.908	208.542	208.875	208.781	14
15	208.284	208.059	207.901	207.838	---	208.975	209.004	209.153	208.820	208.752	208.814	208.751	15
16	208.263	208.081	207.912	207.885	---	209.032	209.135	209.077	208.830	209.222	208.834	208.763	16
17	208.251	208.048	207.883	208.037	---	208.908	208.794	209.134	208.888	209.721	208.882	208.786	17
18	208.245	208.043	207.915	208.080	208.187	208.826	209.135	209.185	208.924	209.388	208.889	208.786	18
19	208.253	208.028	207.858	208.186	208.244	208.894	209.095	209.119	208.952	208.955	208.867	208.767	19
20	208.220	208.021	207.827	208.258	208.138	209.034	209.211	209.148	209.082	208.914	208.838	208.762	20
21	208.218	208.008	207.850	208.481	208.068	208.852	209.124	209.174	208.184	208.878	208.834	208.742	21
22	208.250	208.002	207.836	208.490	207.988	209.032	208.205	209.089	209.065	208.891	208.852	208.717	22
23	208.205	208.015	207.820	208.517	208.216	209.102	209.257	209.072	208.983	209.005	208.827	208.694	23
24	208.178	207.979	207.829	208.528	208.543	209.019	209.333	209.045	208.985	208.867	208.822	208.705	24
25	208.209	207.984	207.808	208.532	208.726	209.017	209.340	209.015	208.962	208.877	208.830	208.707	25
26	208.183	207.947	207.832	208.534	208.862	209.124	209.301	208.850	208.876	208.733	208.822	208.730	26
27	208.195	207.887	207.833	208.533	208.816	---	209.238	209.036	208.784	208.673	208.824	208.710	27
28	208.178	208.004	207.844	208.478	208.783	---	209.178	208.785	208.858	208.680	208.850	208.680	28
29	208.158	207.983	207.838	---	208.851	---	209.188	209.017	208.912	208.838	208.823	208.678	29
30	208.181		207.810	---	208.889	---	209.248	209.080	209.077	208.833	208.818	208.680	30
31	208.171		207.816		208.848		209.221	209.111		208.862		208.681	31
MEAN	208.266	208.082	207.882	---	---	---	---	208.128	209.031	208.830	208.852	208.783	MEAN
MAX	208.370	208.182	207.977	---	---	---	---	209.503	209.487	209.721	208.906	208.847	MAX
MIN	208.158	207.947	207.808	---	---	---	---	208.785	208.784	208.542	208.818	208.679	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MINIMUM DAILY, 207.801 ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 42 40 N
LONG 111 08 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE CLAIRE NEAR OUTLET TO PRAIRIE RIVER - STATION NO. 07KF002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.642	208.614	208.584	208.522	208.688	209.045	209.615	209.278	209.012	209.119	209.159	209.181	1
2	208.635	208.613	208.585	208.522	208.684	209.089	209.486	209.279	209.093	209.143	209.156	209.181	2
3	208.626	208.611	208.585	208.523	208.654	208.997	209.341	209.280	209.098	209.017	209.156	209.180	3
4	208.632	208.609	208.585	208.525	208.642	208.978	209.268	209.272	209.081	209.025	209.162	209.180	4
5	208.633	208.608	208.582	208.530	208.642	208.986	209.231	209.259	209.058	209.181	209.182	209.180	5
6	208.634	208.606	208.580	208.534	208.902	208.951	209.213	209.187	209.032	209.019	209.181	209.181	6
7	208.634	208.604	208.567	208.537	208.898	208.972	209.388	209.312	209.049	209.052	209.183	209.183	7
8	208.634	208.602	208.585	208.542	208.846	209.040	209.422	209.287	209.124	209.080	209.184	209.184	8
9	208.634	208.600	208.554	208.545	208.834	209.155	209.352	209.253	209.152	209.086	209.185	209.185	9
10	208.634	208.598	208.553	208.568	208.852	209.223	209.343	209.344	209.156	209.028	209.185	209.185	10
11	208.634	208.595	208.552	208.608	208.801	209.153	209.389	209.335	209.188	209.043	209.186	209.184	11
12	208.634	208.592	208.553	208.677	208.802	209.184	209.326	209.200	209.185	209.086	209.188	209.181E	12
13	208.634	208.589	208.553	208.741	208.800	209.188	209.356	209.235	209.204	209.174	209.183	209.158	13
14	208.634	208.587	208.550	208.637	208.718	209.259	209.387	209.281	209.194	209.451	209.182	209.154	14
15	208.636	208.586	208.548	208.927	208.805	209.274	209.522	209.227	209.168	209.232	209.188	209.157	15
16	208.635	208.584	208.545	208.953	208.774	209.291	209.383	209.284	209.244	209.081	209.183	209.183	16
17	208.635	208.583	208.546	208.888	208.809	209.373	209.575	209.223	209.259	209.110E	209.156	209.184	17
18	208.632	208.582	208.544	208.851	208.851	209.340	209.376	209.211	209.209	209.139	209.158	209.183	18
19	208.630	208.579	208.542	209.000	208.795	209.317	209.371	209.253	209.237	209.172	209.157	209.183	19
20	208.627	208.577	208.541	209.010	208.815	209.310	209.327	209.209	209.188	209.181	209.159	209.183	20
21	208.626	208.575	208.539	208.994	208.900	209.402	209.388	209.185	209.084	209.193	209.181	209.185	21
22	208.626	208.574	208.537	208.978	208.845	209.388	209.384	209.173	209.150	209.192	209.183	209.187	22
23	208.625	208.572	208.536	209.007	208.730	209.384	209.324	209.219	209.188	209.089	209.186	209.184	23
24	208.624	208.571	208.533	209.020	208.728	209.371	209.307	209.188	209.187	209.157	209.187	209.187	24
25	208.623	208.569	208.531	208.998	208.812	209.433	209.294	209.189	209.175	209.174	209.185	209.188	25
26	208.622	208.568	208.529	208.968	208.877	209.308	209.307	209.287	209.210	209.140	209.183	209.189	26
27	208.621	208.564	208.529	208.945	208.887	209.353	209.318	209.169	209.221	209.152	209.181	209.178	27
28	208.619	208.563	208.529	208.928	208.904	209.379	209.370	209.188E	209.158	209.154	209.187	209.178	28
29	208.619	208.563	208.529	208.920	208.923	209.237	209.340	209.163E	209.130	209.157	209.183	209.180	29
30	208.618		208.528	208.912	208.882	209.434	209.287	209.180	209.085	209.158	209.182	209.182	30
31	208.617		208.525		208.849		209.290	209.120		209.185		209.184	31
MEAN	208.630	208.587	208.546	208.791	208.843	209.225	209.389	209.231	209.149	209.133	209.182	209.186	MEAN
MAX	208.642	208.614	208.585	209.020	208.923	209.434	209.615	209.344	209.259	209.461	209.188	209.184	MAX
MIN	208.617	208.563	208.525	208.522	208.718	208.951	209.213	209.120	209.012	209.017	209.156	209.154	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 208.687
MAXIMUM DAILY, 209.615 ON JUL 1
MINIMUM DAILY, 208.522 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 00 N
LONG 111 41 50 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

LAKE MINNEWANKA NEAR BANFF - STATION NO. 05BD003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1471.84	1471.24	1470.45	1469.87	1469.44	1469.41	1471.51	1472.21	1471.94	1470.72	1470.05	1469.65	1
2	1471.81	1471.21	1470.42	1469.84	1469.41	1469.44	1471.57	1472.21	1471.88	1470.68	1470.05	1469.62	2
3	1471.88	1471.18	1470.42	1469.81	1469.41	1469.47	1471.84	1472.24	1471.82	1470.60	1470.02	1469.62	3
4	1471.88	1471.15	1470.39	1469.78	1469.41	1469.50	1471.70	1472.28	1471.78	1470.80	1470.02	1469.59	4
5	1471.88	1471.12	1470.38	1469.75	1469.44	1469.47	1471.76	1472.34	1471.67	1470.83	1470.02	1469.53	5
6	1471.85	1471.09	1470.36	1469.88	1469.47	1469.47	1471.82	1472.34	1471.57	1470.83	1470.05	1469.53	6
7	1471.82	1471.06	1470.32	1469.85	1469.44	1469.44	1471.88	1472.37	1471.51	1470.57	1470.02	1469.53	7
8	1471.82	1471.03	1470.28	1469.82	1469.44	1469.50	1471.94	1472.37	1471.51	1470.57	1470.02	1469.50	8
9	1471.78	1471.00	1470.28	1469.88	1469.44	1469.56	1471.97	1472.37	1471.45	1470.54	1469.99	1469.50	9
10	1471.78	1470.96	1470.26	1469.56	1469.44	1469.59	1472.00	1472.37	1471.39	1470.48	1469.99	1469.50	10
11	1471.73	1470.93	1470.26	1469.50	1469.41	1469.68	1472.06	1472.43	1471.38	1470.45	1469.99	1469.47	11
12	1471.70	1470.90	1470.23	1469.47	1469.38	1469.78	1472.12	1472.43	1471.30	1470.39	1469.99	1469.44	12
13	1471.67	1470.87	1470.23	1469.44	1469.38	1469.90	1472.15	1472.46	1471.24	1470.29	1469.99	1469.44	13
14	1471.64	1470.84	1470.20	1469.41	1469.35	1470.02	1472.18	1472.49	1471.15	1470.28	1469.96	1469.41	14
15	1471.64	1470.78	1470.20	1469.41	1469.32	1470.14	1472.24	1472.52	1471.09	1470.23	1469.96	1469.41	15
16	1471.60	1470.75	1470.17	1469.38	1469.32	1470.26	1472.28	1472.55	1470.96	1470.17	1469.93	1469.38	16
17	1471.57	1470.75	1470.14	1469.41	1469.29	1470.32	1472.31	1472.55	1470.96	1470.14	1469.93	1469.38	17
18	1471.57	1470.72	1470.11	1469.41	1469.29	1470.42	1472.37	1472.52	1470.90	1470.14	1469.90	1469.35	18
19	1471.54	1470.72	1470.11	1469.41	1469.29	1470.48	1472.40	1472.49	1470.87	1470.14	1469.87	1469.32	19
20	1471.51	1470.69	1470.08	1469.44	1469.32	1470.54	1472.43	1472.46	1470.87	1470.14	1469.87	1469.32	20
21	1471.51	1470.66	1470.05	1469.44	1469.32	1470.57	1472.49	1472.43	1470.90	1470.11	1469.84	1469.29	21
22	1471.48	1470.63	1470.05	1469.44	1469.29	1470.63	1472.52	1472.40	1470.93	1470.08	1469.81	1469.29	22
23	1471.45	1470.63	1470.02	1469.44	1469.26	1470.69	1472.52	1472.34	1470.98	1470.05	1469.84	1469.29	23
24	1471.45	1470.57	1470.02	1469.44	1469.29	1470.78	1472.46	1472.28	1470.93	1470.05	1469.81	1469.29	24
25	1471.42	1470.57	1469.99	1469.44	1469.26	1470.87	1472.40	1472.15	1470.98	1470.05	1469.81	1469.29	25
26	1471.38	1470.57	1469.99	1469.44	1469.23	1470.93	1472.37	1472.09	1470.93	1470.08	1469.75	1469.32	26
27	1471.38	1470.51	1469.99	1469.44	1469.20	1471.03	1472.34	1472.09	1470.93	1470.11	1469.75	1469.32	27
28	1471.38	1470.48	1469.93	1469.41	1469.20	1471.15	1472.31	1472.09	1470.90	1470.11	1469.72	1469.32	28
29	1471.33	1470.48	1469.93	1469.44	1469.20	1471.27	1472.28	1472.09	1470.87	1470.08	1469.68	1469.35	29
30	1471.30		1469.93	1469.44	1469.23	1471.42	1472.24	1472.06	1470.81	1470.11	1469.65	1469.38	30
31	1471.27		1469.90		1469.38		1472.21	1472.03		1470.08		1469.38	31
MEAN	1471.61	1470.83	1470.15	1469.53	1469.34	1470.19	1472.14	1472.32	1471.21	1470.30	1469.81	1469.42	MEAN
MAX	1471.84	1471.24	1470.45	1469.87	1469.47	1471.42	1472.52	1472.55	1471.94	1470.72	1470.05	1469.65	MAX
MIN	1471.27	1470.48	1469.90	1469.38	1469.20	1469.41	1471.51	1472.03	1470.81	1470.05	1469.65	1469.29	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1470.58
MAXIMUM DAILY, 1472.55 ON AUG 16
MINIMUM DAILY, 1469.20 ON MAY 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 10 N
LONG 115 29 10 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
647 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE SHERBURNE - STATION NO 05AE038

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1450 086	1452 076	1452 168	1445 532	1444 673	1446 355	1454 240	1451 823	1447 163	1449 385	1451 244	1452 375	1
2	1450 069	1452 110	1452 043	1445 331	1444 673	1446 583	1454 388	1451 650	1447 203	1449 434	1451 317	1452 384	2
3	1450 116	1452 131	1451 815	1445 221	1444 661	1446 714	1454 487	1451 482	1447 242	1449 507	1451 394	1452 406	3
4	1450 122	1452 156	1451 857	1445 170	1444 642	1446 815	1454 539	1451 362	1447 285	1449 589	1451 461	1452 433	4
5	1450 367	1452 186	1451 875	1445 116	1444 633	1446 928	1454 560	1451 180	1447 318	1449 656	1451 519	1452 463	5
6	1450 561	1452 192	1451 845	1445 072	1444 624	1449 071	1454 652	1450 997	1447 413	1449 757	1451 564	1452 470	6
7	1450 784	1452 217	1451 781	1445 023	1444 624	1449 214	1454 765	1450 808	1447 477	1449 830	1451 613	1452 479	7
8	1450 894	1452 238	1451 726	1444 987	1444 639	1449 327	1454 820	1450 561	1447 538	1449 891	1451 656	1452 509	8
9	1451 026	1452 253	1451 656	1444 941	1444 648	1449 370	1454 816	1450 293	1447 857	1449 961	1453 216	1452 530	9
10	1451 125	1452 265	1451 546	1444 901	1444 691	1449 367	1454 771	1450 016	1447 809	1450 016	1451 726	1452 552	10
11	1451 205	1452 278	1451 409	1444 856	1444 722	1449 321	1454 746	1449 745	1447 968	1450 077	1451 759	1452 561	11
12	1451 284	1452 288	1451 281	1444 813	1444 789	1449 321	1454 743	1449 492	1448 099	1450 138	1451 820	1452 578	12
13	1451 336	1452 320	1451 159	1444 773	1444 828	1449 354	1454 734	1449 226	1448 215	1450 232	1451 857	1452 588	13
14	1451 375	1452 329	1450 921	1444 734	1444 907	1449 388	1454 719	1448 977	1448 303	1450 263	1451 903	1452 610	14
15	1451 427	1452 345	1450 653	1444 716	1445 106	1449 476	1454 658	1448 699	1448 407	1450 321	1451 933	1452 610	15
16	1451 473	1452 357	1450 354	1444 722	1445 301	1449 593	1454 567	1448 410	1448 489	1450 366	1451 973	1452 613	16
17	1451 516	1452 381	1450 062	1444 813	1445 276	1449 849	1454 457	1448 117	1448 538	1450 433	1452 006	1452 628	17
18	1451 546	1452 399	1449 763	1444 947	1445 416	1450 229	1454 344	1447 827	1448 589	1450 491	1452 046	1452 646	18
19	1451 583	1452 418	1449 473	1444 978	1445 730	1450 537	1454 231	1447 526	1448 602	1450 531	1452 058	1452 662	19
20	1451 616	1452 439	1449 175	1444 971	1446 273	1450 808	1454 112	1447 151	1448 656	1450 580	1452 104	1452 677	20
21	1451 653	1452 454	1448 858	1444 959	1446 623	1451 153	1453 984	1446 888	1448 742	1450 619	1452 143	1452 698	21
22	1451 686	1452 445	1448 585	1444 950	1446 672	1451 555	1453 856	1446 785	1448 845	1450 665	1452 156	1452 719	22
23	1451 720	1452 466	1448 242	1444 947	1446 758	1451 826	1453 683	1446 782	1448 949	1450 726	1452 189	1452 738	23
24	1451 759	1452 479	1447 962	1444 928	1446 873	1452 052	1453 472	1446 815	1448 989	1450 772	1452 210	1452 765	24
25	1451 806	1452 491	1447 651	1444 877	1446 971	1452 386	1453 222	1446 889	1448 992	1450 818	1452 226	1452 768	25
26	1451 842	1452 506	1447 343	1444 834	1445 868	1452 744	1452 954	1446 919	1449 016	1450 882	1452 247	1452 774	26
27	1451 881	1452 488	1447 041	1444 801	1446 880	1453 076	1452 713	1446 953	1449 080	1450 958	1452 268	1452 805	27
28	1451 933	1452 424	1446 742	1444 752	1446 822	1453 383	1452 506	1446 983	1449 160	1451 019	1452 311	1452 820	28
29	1451 976	1452 305	1446 444	1444 722	1446 822	1453 719	1452 326	1447 014	1449 226	1451 092	1452 328	1452 847	29
30	1452 015		1446 136	1444 694	1447 168	1454 024	1452 162	1447 056	1449 297	1451 135	1452 348	1452 899	30
31	1452 058		1445 837		1447 861		1451 994	1447 105		1451 174		1452 921	31
MEAN	1451 287	1452 326	1449 780	1444 836	1445 654	1450 459	1454 007	1448 789	1448 275	1450 332	1451 953	1452 630	MEAN
MAX	1452 058	1452 506	1452 168	1445 532	1447 861	1454 024	1454 820	1451 823	1449 297	1451 174	1453 216	1452 921	MAX
MIN	1450 086	1452 076	1445 837	1444 694	1444 624	1446 355	1451 994	1446 782	1447 163	1449 385	1451 244	1452 375	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN 1450 034
MAXIMUM DAILY 1454 820 ON JUL 8
MINIMUM DAILY 1444 624 ON MAY 6
MAXIMUM INSTANTANEOUS
1454 835 AT 20 00 MST ON JUL 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 42 N
LONG 113 31 16 W

REGULATED

DRAINAGE AREA
167 km²

WATER LEVELS ARE REFERRED TO UNITED STATES RECLAMATION SERVICE DATUM
APPLY 2 880 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LALBY CREEK NEAR GIROUXVILLE - STATION NO 07GJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 4768	0 008	0 118	0 077	0	0	0 001	---	---	1
2	---	---	0 8	0 3808	0 029	0 101	0 067	0	0	0 001	---	---	2
3	---	---	0 8	0 3428	0 055	0 092	0 038	0	0 001	0 001	---	---	3
4	---	---	0 8	0 2878	0 045	0 092	0 032	0	0 001	0 001	---	---	4
5	---	---	0 8	0 2338	0 035	0 070	0 037	0	0 001	0 001	---	---	5
6	---	---	0 8	0 177	0 037	0 083	0 039	0	0 002	0 001	---	---	6
7	---	---	0 8	0 124	0 043	0 149	0 061	0	0 002	0 001	---	---	7
8	---	---	0 8	0 079	0 04	0 436	0 056	0	0 001	0 001	---	---	8
9	---	---	0 8	0 035	0 037	0 421	0 072	0	0 001	0 001	---	---	9
10	---	---	0 8	0 028	0 035	0 228	0 080	0	0 001	0 001	---	---	10
11	---	---	0 8	0 020	0 031	0 147	0 067	0	0 001	0 001	---	---	11
12	---	---	0 8	0 034	0 029	0 091	0 067	0	0 001	0 001	---	---	12
13	---	---	0 8	0 035	0 031	0 065	0 074	0	0 001	0 001	---	---	13
14	---	---	0 8	0 034	0 032	0 042	0 071	0	0 001	0 001	---	---	14
15	---	---	0 8	0 027	0 032	0 036	0 066	0	0 001	0 001	---	---	15
16	---	---	0 8	0 020	0 055	0 018	0 054	0	0 001	0 001	---	---	16
17	---	---	0 8	0 031	0 090	0 013	0 040	0	0 001	0 0018	---	---	17
18	---	---	0 8	0 028	0 126	0 010	0 029	0	0 001	0 0018	---	---	18
19	---	---	0 8	0 013	0 143	0 011	0 027	0	0 001	0 0018	---	---	19
20	---	---	0 8	0 010	0 638	0 009	0 019	0	0 001	0 001	---	---	20
21	---	---	0 8	0 018	7 58	0 007	0 013	0	0 001	0 001	---	---	21
22	---	---	0 8	0 018	7 26	0 005	0 010	0	0 001	0 001	---	---	22
23	---	---	0 8	0 017	1 75	0 004	0 008	0	0 001	0 001	---	---	23
24	---	---	0 0018	0 018	0 849	0 002	0 006	0	0 001	0 001	---	---	24
25	---	---	0 0018	0 036	0 311	0 001	0 005	0	0 001	0 001	---	---	25
26	---	---	0 0018	0 006	0 356	0 028	0 004	0	0 001	0 00 8	---	---	26
27	---	---	0 0058	0 005	0 243	0 083	0 003	0	0 001	0 00 2	---	---	27
28	---	---	0 1008	0 005	0 196	0 010	0 002	0	0 001	0 0018	---	---	28
29	---	---	0 5268	0 007	0 153	0 009	0 001	0	0 001	0 0018	---	---	29
30	---		0 6008	0 007	0 133	0 057	0	0	0 001	0 0018	---	---	30
31	---		0 5948		0 135		0	0		0 0018		---	31
TOTAL	---	---	1 826	2 555	20 538	2 421	1 135	0	0 030	0 031	---	---	TOTAL
MEAN	---	---	0 059	0 085	0 663	0 081	0 037	0	0 001	0 001	---	---	MEAN
MAX	---	---	0 600	0 476	7 58	0 438	0 080	0	0 002	0 001	---	---	MAX
MIN	---	---	0	0 005	0 001	0	0	0	0	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 116
MAXIMUM DAILY 7 58 ON MAY 21
MINIMUM DAILY 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS
11 5 AT 19 30 MST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 47 28 N
LONG 117 20 10 W
DRAINAGE AREA 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	88 1
FEB	---	AUG	0
MAR	158	SEP	2 59
APR	221	OCT	2 65
MAY	1 770	NOV	---
JUN	209	DEC	---

TOTAL DISCHARGE 2 460 dam³

LATERAL TO SPILLWAY NEAR CHIN - STATION NO 05AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0 366	0 365	0 393	0 280	0 126	---	---	1
2	---	---	---	---	0	0 274	0 319	0 354	0 302	0 053	---	---	2
3	---	---	---	---	0	0 227	0 198	0 422	0 241	0 082	---	---	3
4	---	---	---	---	0	0 273	0 190	0 384	0 223	0 043	---	---	4
5	---	---	---	---	0	0 331	0 170	0 464	0 150	0 106	---	---	5
6	---	---	---	---	0	0 303	0 167	0 470	0 203	0 178	---	---	6
7	---	---	---	---	0	0 339	0 149	0 388	0 246	0 213	---	---	7
8	---	---	---	---	0	0 449	0 121	0 375	0 312	0 127	---	---	8
9	---	---	---	---	0	0 487	0 108	0 321	0 330	0 106	---	---	9
10	---	---	---	---	0	0 557	0 132	0 342	0 357	0 168	---	---	10
11	---	---	---	---	0 038	0 551	0 215	0 305	0 285	0 157	---	---	11
12	---	---	---	---	0 052	0 484	0 169	0 277	0 181	0 118	---	---	12
13	---	---	---	---	0 030	0 402	0 234	0 302	0 172	0 028	---	---	13
14	---	---	---	---	0 004	0 315	0 239	0 245	0 260	0 010	---	---	14
15	---	---	---	---	0	0 237	0 252	0 238	0 298	0 008	---	---	15
16	---	---	---	---	0	0 172	0 225	0 263	0 277	0 002	---	---	16
17	---	---	---	0 A	0	0 178	0 230	0 301	0 238	0 001	---	---	17
18	---	---	---	0	0 056	0 198	0 295	0 289	0 225	0 B	---	---	18
19	---	---	---	0 001	0 153	0 285	0 291	0 354	0 216	0 B	---	---	19
20	---	---	---	0 005	0 203	0 327	0 273	0 379	0 245	0 B	---	---	20
21	---	---	---	0	0 227	0 375	0 340	0 385	0 246	0 B	---	---	21
22	---	---	---	0	0 228	0 552	0 373	0 367	0 253	0 B	---	---	22
23	---	---	---	0	0 242	0 601	0 393	0 259	0 248	0 B	---	---	23
24	---	---	---	0	0 210	0 578	0 265	0 238	0 245	0 B	---	---	24
25	---	---	---	0	0 259	0 484	0 216	0 265	0 246	0 0288	---	---	25
26	---	---	---	0	0 272	0 335	0 213	0 303	0 239	0 0118	---	---	26
27	---	---	---	0	0 255	0 209	0 194	0 262	0 210	0 0038	---	---	27
28	---	---	---	0	0 280	0 193	0 302	0 183	0 187	0 0018	---	---	28
29	---	---	---	0	0 208	0 260	0 353	0 164	0 149	0 B	---	---	29
30	---	---	---	0	0 253	0 420	0 389	0 174	0 180	0 B	---	---	30
31	---	---	---		0 371		0 422	0 211		0 B	---	---	31
TOTAL	---	---	---	---	3 341	10 762	7 802	9 677	7 246	1 572	---	---	TOTAL
MEAN	---	---	---	---	0 108	0 359	0 252	0 312	0 242	0 051	---	---	MEAN
MAX	---	---	---	---	0 371	0 601	0 422	0 470	0 357	0 213	---	---	MAX
MIN	---	---	---	---	0	0 172	0 108	0 164	0 149	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 220
MAXIMUM DAILY 0 601 ON JUN 23
MINIMUM DAILY 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 36 N
LONG 112 25 46 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	674
FEB	---	AUG	836
MAR	---	SEP	626
APR	---	OCT	136
MAY	288	NOV	---
JUN	930	DEC	---

TOTAL DISCHARGE 3 490 dam³

LEE CREEK (EAST BRANCH) NEAR BEAZER - STATION NO 05AE040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0 216	0 131	0 081	0 015	0 037	---	---	1
2	---	---	---	---	---	0 211	0 148	0 060	0 010	0 043	---	---	2
3	---	---	---	---	---	0 227	0 145	0 054	0 010	0 040	---	---	3
4	---	---	---	---	---	0 230	0 138	0 052	0 010	0 036	---	---	4
5	---	---	---	---	---	0 245	0 114	0 044	0 010	0 040	---	---	5
6	---	---	---	---	---	0 242	0 111	0 038	0 013	0 032	---	---	6
7	---	---	---	---	---	0 246	0 100	0 035	0 012	0 028	---	---	7
8	---	---	---	---	---	0 238	0 098	0 024	0 010	0 029	---	---	8
9	---	---	---	---	---	0 218	0 105	0 026	0 014	0 029	---	---	9
10	---	---	---	---	---	0 264	0 112	0 024	0 021	0 026	---	---	10
11	---	---	---	---	---	0 272	0 095	0 025	0 021	0 028	---	---	11
12	---	---	---	---	---	0 259	0 079	0 024	0 022	0 027	---	---	12
13	---	---	---	---	---	0 230	0 062	0 026	0 020	0 024	---	---	13
14	---	---	---	---	0 212A	0 189	0 079	0 024	0 017	0 025	---	---	14
15	---	---	---	---	0 212	0 198	0 075	0 022	0 018	0 026	---	---	15
16	---	---	---	---	0 445	0 194	0 076	0 020	0 015	0 028	---	---	16
17	---	---	---	---	0 365	0 169	0 060	0 018	0 013	0 026	---	---	17
18	---	---	---	---	0 306	0 167	0 073	0 015	0 008	0 031	---	---	18
19	---	---	---	---	0 262	0 144	0 070	0 014	0 008	0 0288	---	---	19
20	---	---	---	---	0 272	0 150	0 058	0 014	0 015	0 0288	---	---	20
21	---	---	---	---	0 270	0 530	0 055	0 012	0 032	0 0288	---	---	21
22	---	---	---	---	0 229	0 523	0 050	0 010	0 042	0 0288	---	---	22
23	---	---	---	---	0 225	0 357	0 050	0 007	0 036	0 0288	---	---	23
24	---	---	---	---	0 225	0 283	0 048	0 006	0 037	0 0288	---	---	24
25	---	---	---	---	0 242	0 225	0 049	0 004	0 033	0 0288	---	---	25
26	---	---	---	---	0 215	0 203	0 046	0 001	0 030	0 0288	---	---	26
27	---	---	---	---	0 212	0 187	0 057	0	0 027	0 0288	---	---	27
28	---	---	---	---	0 187	0 183	0 050	0	0 029	0 0288	---	---	28
29	---	---	---	---	0 189	0 174	0 057	0	0 029	0 0288	---	---	29
30	---		---	---	0 241	0 152	0 125	0	0 033	0 0288	---	---	30
31	---		---		0 241		0 122	0 006		0 0288	---	---	31
TOTAL	---	---	---	---	---	7 126	3 657	0 690	0 614	0 819	---	---	TOTAL
MEAN	---	---	---	---	---	0 238	0 088	0 022	0 020	0 030	---	---	MEAN
MAX	---	---	---	---	---	0 530	0 148	0 081	0 042	0 043	---	---	MAX
MIN	---	---	---	---	---	0 144	0 048	0	0 009	0 024	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0 530 ON JUN 21

MAXIMUM INSTANTANEOUS
0 908 AT 17 50 MST ON JUN 21

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 50 N
LONG 113 32 20 W
DRAINAGE AREA 37 6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	230
FEB	---	AUG	59 6
MAR	---	SEP	53 0
APR	---	OCT	78 4
MAY	---	NOV	---
JUN	616	DEC	---

LEE CREEK AT BEAZER - STATION NO. 05AE037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.844	1.16	0.840	0.298	0.134	0.153	---	---	1
2	---	---	---	---	0.872	0.987	0.692	0.258	0.133	0.152	---	---	2
3	---	---	---	---	0.838	0.899	0.570	0.258	0.130	0.154	---	---	3
4	---	---	---	---	0.817	0.852	0.548	0.234	0.128	0.158	---	---	4
5	---	---	---	---	0.802	0.850	0.525	0.212	0.128	0.172	---	---	5
6	---	---	---	---	0.809	0.787	0.506	0.207	0.130	0.172	---	---	6
7	---	---	---	---	0.837	0.813	0.484	0.200	0.129	0.174	---	---	7
8	---	---	---	---	0.866	0.807	0.451	0.188	0.128	0.172	---	---	8
9	---	---	---	---	0.748	0.832	0.405	0.179	0.130	0.183	---	---	9
10	---	---	---	---	0.801	0.908	0.394	0.178	0.133	0.188	---	---	10
11	---	---	---	0.3008	0.780	0.955	0.379	0.172	0.132	0.183	---	---	11
12	---	---	---	0.295	0.814	0.858	0.372	0.167	0.129	0.180	---	---	12
13	---	---	---	0.293	0.848	0.826	0.362	0.178	0.131	0.187	---	---	13
14	---	---	---	0.290	0.912	0.816	0.355	0.173	0.128	0.183	---	---	14
15	---	---	---	0.307	1.22	0.802	0.341	0.168	0.12*	0.187	---	---	15
16	---	---	---	0.384	2.40	0.843	0.325	0.159	0.128	0.188	---	---	16
17	---	---	---	0.501	2.07	0.805	0.310	0.153	0.125	0.187	---	---	17
18	---	---	---	0.721	1.60	0.753	0.288	0.148	0.127	0.184	---	---	18
19	---	---	---	0.827	1.43	0.712	0.282	0.145	0.128	0.1588	---	---	19
20	---	---	---	1.45	1.97	0.887	0.271	0.149	0.130	0.1588	---	---	20
21	---	---	---	1.23	1.41	1.51	0.254	0.144	0.147	0.1588	---	---	21
22	---	---	---	1.13	1.22	2.69	0.252	0.140	0.183	0.1588	---	---	22
23	---	---	---	0.947	1.15	1.58	0.245	0.134	0.172	0.1588	---	---	23
24	---	---	---	0.790	1.16	1.34	0.232	0.132	0.187	0.1588	---	---	24
25	---	---	---	0.752	1.13	1.17	0.227	0.129	0.184	0.1588	---	---	25
26	---	---	---	0.821	1.08	1.02	0.224	0.122	0.182	0.1588	---	---	26
27	---	---	---	0.834	1.04	0.881	0.228	0.108	0.189	0.1588	---	---	27
28	---	---	---	0.897	0.982	0.789	0.230	0.105	0.186	0.1588	---	---	28
29	---	---	---	0.963	0.963	0.705	0.234	0.110	0.152	0.1588	---	---	29
30	---	---	---	0.838	1.19	0.885	0.238	0.113	0.148	0.1588	---	---	30
31	---		---		1.41		0.348	0.122		0.1588		---	31
TOTAL	---	---	---	---	32.613	29.412	11.178	5.180	4.179	4.937	---	---	TOTAL
MEAN	---	---	---	---	1.05	0.980	0.361	0.167	0.139	0.159	---	---	MEAN
MAX	---	---	---	---	2.40	2.69	0.840	0.298	0.172	0.174	---	---	MAX
MIN	---	---	---	---	0.544	0.685	0.224	0.105	0.125	0.152	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.477
MAXIMUM DAILY, 2.69 ON JUN 22
MINIMUM DAILY, 0.105 ON AUG 26
MAXIMUM INSTANTANEOUS,
3.51 AT 03:20 MST ON JUN 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 45 N
LONG 113 29 00 W
DRAINAGE AREA, 175 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	986
FEB	---	AUG	446
MAR	---	SEP	361
APR	---	OCT	427
MAY 2	840	NOV	---
JUN 2	540	DEC	---

TOTAL DISCHARGE, 7 580 dam³

LEE CREEK AT CARDSTON - STATION NO 05AE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.100B	0.153B	0.185	0.816	1.11	0.751	0.505	0.270	0.280	0.180B	0.090B	1
2	0.530B	0.090B	0.145B	0.165	0.675	0.902	0.786	0.410	0.235	0.275	0.180B	0.080B	2
3	0.610B	0.090B	0.135B	0.200	0.606	0.779	0.700	0.340	0.200	0.325	0.130B	0.080B	3
4	0.670B	0.120B	0.125B	0.220	0.622	0.863	0.590	0.293E	0.185	0.340	0.120B	0.090B	4
5	0.531B	0.140B	0.120B	0.240	0.894	0.821	0.800	0.245	0.195	0.383E	0.110B	0.090B	5
6	0.600B	0.140B	0.115B	0.300	0.708	0.848	0.585	0.255	0.118	0.425	0.110B	0.100B	6
7	0.560B	0.120B	0.110B	0.320	0.807	0.718	0.500	0.225	0.083	0.405	0.110B	0.110B	7
8	0.530B	0.110B	0.110B	0.353E	0.736E	1.15	0.410	0.184	0.275	0.300	0.120B	0.110B	8
9	0.500B	0.080B	0.110B	0.385	0.884	1.05	0.410	0.164	0.275	0.385	0.120B	0.120B	9
10	0.470B	0.090B	0.115B	0.385	0.708	1.00	0.345	0.130	0.308	0.300	0.120B	0.140B	10
11	0.440B	0.090B	0.120B	0.415	0.730	1.03	0.315	0.151	0.260	0.285	0.120B	0.132B	11
12	0.420B	0.100B	0.137B	0.408E	0.786E	0.863	0.340	0.185	0.285	0.345	0.160B	0.110B	12
13	0.390B	0.110B	0.160B	0.400	0.842	0.928	0.280	0.315	0.170	0.310	0.190B	0.100B	13
14	0.370B	0.128B	0.203B	0.405	0.821	0.910	0.385	0.175	0.154	0.338E	0.280B	0.090B	14
15	0.340B	0.120B	0.230B	0.415	1.44	0.856	0.370	0.170	0.185	0.365	0.380B	0.080B	15
16	0.320B	0.100B	0.280	0.350	3.58	0.863E	0.380	0.124	0.118	0.425	0.410B	0.080B	16
17	0.300B	0.090B	0.285E	0.480	2.23	0.870	0.320E	0.148	0.089E	0.435	0.420B	0.080B	17
18	0.280B	0.080B	0.270E	0.793	1.87	0.786	0.280	0.094	0.080	0.455	0.380B	0.070B	18
19	0.250B	0.080B	0.275	1.40	1.57	0.712	0.255	0.095	0.045	0.375	0.330B	0.050B	19
20	0.230B	0.070B	0.285E	2.80	1.73	0.765	0.220	0.088	0.215	0.425	0.320B	0.050B	20
21	0.220B	0.070B	0.255E	2.15	1.44	1.89	0.225	0.093E	0.300	0.435	0.305B	0.040B	21
22	0.200B	0.070B	0.245	1.88 E	1.26	3.62	0.225	0.118	0.425	0.375	0.320B	0.050B	22
23	0.190B	0.090B	0.285E	1.22	1.09	1.82	0.260	0.148	0.440	0.215	0.310B	0.050B	23
24	0.187B	0.150B	0.325E	1.17	1.10	1.47	0.235	0.154	0.380	0.305	0.280B	0.050B	24
25	0.170B	0.180B	0.385	1.11	1.13	1.33	0.205	0.133	0.355	0.348E	0.210B	0.030B	25
26	0.180B	0.180B	0.280	0.968	1.07	1.21 E	0.230	0.088	0.410	0.380	0.180B	0.050B	26
27	0.150B	0.180B	0.350	0.928	1.00 E	1.09	0.280	0.157	0.350	0.390B	0.140B	0.070B	27
28	0.140B	0.170B	0.280	0.772	0.942	0.807	0.330	0.134	0.295	0.320B	0.120B	0.070B	28
29	0.130B	0.180B	0.305	0.744	0.821	0.688	0.365	0.045	0.275	0.260B	0.110B	0.060B	29
30	0.120B		0.320	0.834	1.15	0.718	0.727	0.109	0.270	0.220B	0.100B	0.090B	30
31	0.110B		0.353E		1.50		0.975	0.485		0.200B		0.100B	31
TOTAL	10.668	3.308	5.881	21.993	34.833	32.878	12.084	5.873	7.133	10.854	5.388	2.582	TOTAL
MEAN	0.345	0.114	0.218	0.733	1.12	1.09	0.409	0.189	0.237	0.348	0.212	0.083	MEAN
MAX	0.670	0.180	0.385	2.80	3.58	3.62	0.788	0.505	0.440	0.485	0.420	0.140	MAX
MIN	0.110	0.070	0.110	0.185	0.675	0.688	0.205	0.045	0.045	0.200	0.100	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.426
MAXIMUM DAILY, 3.62 ON JUN 22
MINIMUM DAILY, 0.0408 ON DEC 21

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 00 N
LONG 113 17 45 W
DRAINAGE AREA, 307 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	923	JUL	1 100
FEB	286	AUG	507
MAR	577	SEP	515
APR	1 900	OCT	921
MAY 2	900	NOV	550
JUN 2	810	DEC	223

TOTAL DISCHARGE, 13 400 dam³

LEE CREEK BELOW CONFLUENCE OF EAST FORK - STATION NO 05AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.372	0.685	---	---	---	---	---	---	1
2	---	---	---	---	0.452	0.784	---	---	---	---	---	---	2
3	---	---	---	---	0.488	0.741	---	---	---	---	---	---	3
4	---	---	---	---	0.418	0.764	---	---	---	---	---	---	4
5	---	---	---	---	0.375	0.788	---	---	---	---	---	---	5
6	---	---	---	---	0.413	0.747	---	---	---	---	---	---	6
7	---	---	---	---	0.469	0.678	---	---	---	---	---	---	7
8	---	---	---	---	0.550	0.696	---	---	---	---	---	---	8
9	---	---	---	---	0.599	0.681	---	---	---	---	---	---	9
10	---	---	---	---	0.760	0.780	---	---	---	---	---	---	10
11	---	---	---	0.190A	0.853	0.730	---	---	---	---	---	---	11
12	---	---	---	0.168	0.893	0.677	---	---	---	---	---	---	12
13	---	---	---	0.181	0.732	0.650	---	---	---	---	---	---	13
14	---	---	---	0.191	0.933	0.656	---	---	---	---	---	---	14
15	---	---	---	0.247	1.27	0.692	---	---	---	---	---	---	15
16	---	---	---	0.358	1.42	0.711	---	---	---	---	---	---	16
17	---	---	---	0.493	1.22	0.652	---	---	---	---	---	---	17
18	---	---	---	0.656	1.29	0.591	---	---	0.102A	---	---	---	18
19	---	---	---	0.839	1.28	0.534	---	---	---	---	---	---	19
20	---	---	---	1.14	1.36	0.518	---	---	---	---	---	---	20
21	---	---	---	1.10	1.15	1.11	---	---	---	---	---	---	21
22	---	---	---	1.05	0.983	0.829	---	0.133A	---	---	---	---	22
23	---	---	---	0.844	1.00	0.926	---	---	---	---	---	---	23
24	---	---	---	0.673	0.954	0.847	---	---	---	---	---	---	24
25	---	---	---	0.587	0.858	0.903	0.238A	---	---	---	---	---	25
26	---	---	---	0.495	0.838	0.845	---	---	---	---	---	---	26
27	---	---	---	0.482	0.774	0.777	---	---	---	---	---	---	27
28	---	---	---	0.421	0.784	0.735	---	---	---	---	---	---	28
29	---	---	---	0.358	0.809	0.703	---	---	---	---	---	---	29
30	---		---	0.347	1.14	0.677	---	---	---	---	---	---	30
31	---		---		1.18		---	---		---		---	31
TOTAL	---	---	---	---	28.372	22.453	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.851	0.748	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	1.42	1.11	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.372	0.518	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 30 N
LONG 113 02 30 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	2 280	NOV	---
JUN	1 940	DEC	---

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LESSER SLAVE LAKE AT FAUST - STATION NO. 07BJ002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	576.349	---	576.822	576.657	576.510	576.466	576.469	---	1
2	---	---	---	---	576.348	---	576.837	576.678	576.487	576.475	576.476A	---	2
3	---	---	---	---	576.327	---	576.870	576.684	576.534	576.500	---	---	3
4	---	---	---	---	576.321	---	576.880	576.688	576.543	576.522	---	---	4
5	---	---	---	---	576.327	---	576.886	576.684	576.523	576.478	---	---	5
6	---	---	---	---	576.328	---	576.871	576.663	576.552	576.492	---	---	6
7	---	---	---	576.335A	576.314	---	576.831	576.620	576.543	576.492	---	---	7
8	---	---	---	---	576.328	---	576.868	576.624	576.553	576.485	---	---	8
9	---	---	---	---	576.317	---	576.706	576.644	576.551	576.478	---	---	9
10	---	---	---	---	576.282	---	576.718	576.627	576.562	576.478	---	---	10
11	---	---	---	---	576.285	---	576.728	576.632	576.568	576.468	---	---	11
12	---	---	---	---	576.307	---	576.725	576.636	576.558	576.470	---	---	12
13	---	---	---	576.355A	576.313	---	576.722	576.647	576.554	576.455	---	---	13
14	---	---	---	576.382	576.311	---	576.718	576.648	576.553	576.465	---	---	14
15	---	---	---	576.359	576.303	---	576.710	576.641	576.563	576.470	---	---	15
16	---	---	---	576.353	576.321	---	576.720	576.635	576.548	576.481	---	---	16
17	---	---	---	576.359	576.303	---	576.710	576.644	576.530	576.488	---	---	17
18	---	---	---	576.349	576.344	---	576.720	576.619	576.540	576.488	---	---	18
19	---	---	---	576.332	576.384	---	576.712	576.605	576.520	576.488	---	---	19
20	---	---	---	576.342	576.318	---	576.684	576.612	576.541	576.480	---	---	20
21	---	---	---	576.348	576.364	---	576.700	576.633	576.560	576.488	---	---	21
22	---	---	576.337A	576.347	576.407	---	576.692	576.641	576.544	576.470	---	---	22
23	---	---	---	576.346	576.435	---	576.704	576.616	576.515	576.490	---	---	23
24	---	---	---	576.367	576.442	---	576.704	576.612	576.513	576.506	---	---	24
25	---	---	---	576.364	576.454	576.887A	576.703	576.593	576.512	576.472	---	---	25
26	---	---	---	576.337	576.472	576.877	576.714	576.538	576.506	576.480	---	---	26
27	---	576.472A	---	576.380	576.477A	576.857	576.697	576.581	576.503	576.463	---	---	27
28	---	---	576.328A	576.377	576.481E	576.870	576.695	576.601	576.491	576.443	---	---	28
29	---	---	---	576.390	576.504A	576.869	576.692	576.539	576.494	576.455	---	---	29
30	---		---	576.384	---	576.818	576.691	576.558	576.495	576.458	---	---	30
31	---		---		---		576.694	576.563		576.452		---	31
MEAN	---	---	---	---	---	---	576.695	576.622	576.532	576.478	---	---	MEAN
MAX	---	---	---	---	---	---	576.726	576.697	576.566	576.522	---	---	MAX
MIN	---	---	---	---	---	---	576.622	576.501	576.487	576.443	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 115 37 25 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA, 13 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE LAKE AT SLAVE LAKE - STATION NO. 07BJ005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	576.557	576.488	576.380	576.310	576.275	576.745	576.770	576.642	576.565	576.548	576.390	576.370E	1
2	576.566	576.482	576.388	576.313	576.271	576.840	576.743	576.684	576.562	576.505	576.384	576.360E	2
3	576.573	576.480	576.390	576.307	576.334	576.821	576.682	576.682	576.472	576.442	576.400	576.357A	3
4	576.585	576.458	576.378	576.310	576.331	576.493	576.631	576.658	576.448	576.388	576.389	576.384	4
5	576.584	576.487	576.385	576.315	576.311	576.498	576.619	576.663	576.500	576.493	576.400	576.352	5
6	576.557	576.458	576.380	576.320	576.313	576.50CA	576.693	576.659	576.522	576.440	576.385	576.362	6
7	576.548	576.458	576.387	576.321	576.306	576.580A	576.781	576.715	576.558	576.430	576.387	576.384	7
8	576.544	576.458	576.382	576.318	576.303	576.613	576.762	576.708	576.522	576.448	576.398	576.357	8
9	576.527	576.454	576.385	576.317	576.318	576.627	576.710	576.600	576.548	576.488	576.348	576.348	9
10	576.536	576.454	576.353	576.314	576.359	576.650	576.712	576.657	576.528	576.448	576.385	576.371	10
11	576.542	576.441	576.351	576.320	576.348	576.681	576.709	576.628	576.520	576.475	576.397	576.342	11
12	576.544	576.441	576.355	576.321	576.298	576.681	576.715	576.590	576.530	576.457A	576.387	576.353	12
13	576.528	576.445	576.346	576.320	576.283	576.654	576.734	576.649	576.537	576.470E	576.398	576.328	13
14	576.536	576.442	576.347	576.311	576.284	576.693	576.738	576.631	576.532	576.490E	576.401	576.353	14
15	576.545	576.435	576.331	576.311	576.311	576.701	576.752	576.610	576.495	576.500E	576.395	576.387	15
16	576.545	576.439	576.329	576.335	576.318	576.730	576.702	576.631	576.533	576.490E	576.385	576.351	16
17	576.534	576.428	576.323	576.330	576.418	576.742	576.768	576.611	576.580	576.487A	576.378	576.347	17
18	576.530	576.429	576.328	576.325	576.342	576.698	576.698	576.640	576.551	576.493A	576.388	576.347	18
19	576.520	576.421	576.338	576.330	576.314	576.698	576.705	576.648	576.578	576.494A	576.378	576.335	19
20	576.524	576.422	576.328	576.328	576.473	576.697	576.721	576.658	576.517	576.435	576.390	576.351	20
21	576.516	576.430	576.323	576.293	576.425	576.689	576.725	576.600	576.508	576.463	576.383	576.339	21
22	576.502	576.420	576.332	576.288	576.382	576.696	576.715	576.578	576.515	576.450	576.370	576.340	22
23	576.520	576.414	576.325	576.337	576.368	576.687	576.685	576.624	576.505	576.417	576.381	576.339	23
24	576.512	576.413	576.332	576.327	576.409	576.707	576.675	576.618	576.510	576.336	576.380	576.325	24
25	576.518	576.414	576.321	576.310	576.426	576.733	576.689	576.627	576.513	576.503	576.374	576.323	25
26	576.486	576.408	576.318	576.328	576.426	576.689	576.635	576.610	576.505	576.517	576.373	576.329	26
27	576.504	576.387	576.321	576.322	576.448	576.722	576.692	576.582A	576.495	576.329	576.347	576.333	27
28	576.504	576.390	576.318	576.321	576.453	576.671	576.700	576.620E	576.508	576.342	576.324	576.332	28
29	576.486	576.393	576.315	576.322	576.486	576.709	576.686	576.570E	576.482	576.427	576.330A	576.332	29
30	576.488		576.318	576.302	576.478	576.932	576.686	576.525A	576.466	576.417	576.350E	576.322	30
31	576.491		576.311		576.701		576.682	576.487		576.435		576.326	31
MEAN	576.531	576.437	576.344	576.318	576.372	576.685	576.705	576.625	576.523	576.451	576.379	576.345	MEAN
MAX	576.573	576.492	576.390	576.337	576.701	576.932	576.781	576.715	576.582	576.548	576.401	576.371	MAX
MIN	576.491	576.387	576.311	576.288	576.271	576.493	576.617	576.487	576.448	576.328	576.324	576.322	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 576.475
MAXIMUM DAILY, 576.932 ON JUN 30
MINIMUM DAILY, 576.271 ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 15 N
LONG 114 46 18 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LESSER SLAVE RIVER AT HIGHWAY NO 2A - STATION NO. 07BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.48	44.28	47.0	42.7	42.3	83.3	72.8	58.0	50.7	52.3	40.48	30.78	1
2	34.78	46.88	46.8	43.1	41.1	83.4	69.4	58.9	50.1	53.5	39.38	30.48	2
3	36.48	48.88	47.3	43.0	44.0	81.4	65.2	59.6	53.6	49.8	40.48	30.08	3
4	37.38	48.28	47.0	43.0	45.3	73.2	62.0	60.1	48.1	44.1	41.28	30.28	4
5	38.88	47.58	47.0	43.5	44.3	67.6	60.4	59.4	49.5	49.2	41.08	29.18	5
6	38.98	48.88	46.7	44.0	43.4	68.4	64.1	59.1	50.8	48.0	40.68	29.68	6
7	39.28	48.68	48.1	44.5	42.6	81.0	73.6	62.0	61.7	46.8	39.48	30.88	7
8	39.88	47.88	46.7	44.2	39.4	82.6	78.0	62.8	57.5	46.8	38.78	30.68	8
9	38.68	47.68	45.6	44.2	38.6	80.7	81.7	57.5	54.4	48.3	36.78	30.58	9
10	38.68	47.48	45.2	44.0	39.9	85.7	80.3	58.4	51.4	47.2	35.88	30.18	10
11	36.78	47.08	44.6	44.4	41.4	81.5	74.9	57.5	59.0	48.0	35.98	25.38	11
12	39.08	46.08	44.9	44.6	38.8	78.1	72.1	55.9	58.0	48.2	35.38	23.98	12
13	37.88	46.18	44.5	44.5	38.1	74.1	72.6	58.6	57.8	49.4	34.68	26.38	13
14	30.18	46.58	44.4	44.2	37.2	73.1	73.3	58.8	57.0	52.8	34.18	27.48	14
15	29.98	45.68	45.8	44.3	38.5	72.5	71.7	57.0	53.9	52.8	33.48	25.78	15
16	32.18	45.38	47.5	45.9	39.1	71.4	69.3	57.9	55.0	50.3	32.98	25.28	16
17	31.28	45.38	43.3	46.9	46.0	72.1	68.4	57.0	58.0	53.9	32.28	27.18	17
18	32.38	44.88	42.8	46.3	47.4	68.9	66.5	57.6	55.4	53.9	31.08	26.28	18
19	33.48	44.38	43.4	46.3	44.1	67.5	65.3	57.5	56.8	50.2	30.68	25.38	19
20	34.58	44.48	43.5	46.1	47.9	66.9	65.3	58.9	54.2	48.3	30.48	25.68	20
21	35.68	45.78	42.7	46.0	54.0	66.5	66.1	57.7	52.5	48.2	30.08	25.78	21
22	35.88	46.98	43.1	43.2	54.5	65.8	66.1	56.7	52.3	49.4	29.98	25.48	22
23	37.38	48.28	42.9	44.8	53.2	65.1	63.9	58.2	52.0	47.2	29.78	25.48	23
24	37.28	48.78	43.3	46.5	57.5	64.6	62.8	55.8	52.1	43.5	30.58	25.98	24
25	36.58	48.4	43.0	44.5	59.0	66.4	62.6	58.6	52.2	44.6	31.28	26.68	25
26	32.78	46.5	42.8	45.5	58.7	64.3	60.7	57.6	51.8	50.28	31.08	26.48	26
27	34.08	47.7	42.8	45.8	58.3	65.1	61.6	58.3	51.4	44.88	30.28	26.48	27
28	38.48	47.1	42.7	45.0	58.5	63.2	62.6	64.2	51.3	44.08	29.68	26.48	28
29	40.78	47.6	42.8	44.4	58.4	62.8	62.3	67.0	50.5	43.98	30.98	26.58	29
30	41.78		42.8	44.1	58.8	76.1	61.3	65.8	48.7	41.18	30.58	26.28	30
31	42.88		42.8		64.4		59.6	49.8		40.38		26.18	31
TOTAL	1 123.2	1 363.6	1 361.0	1 338.4	1 472.7	2 193.9	2 096.3	1 808.2	1 645.7	1 491.3	1 027.6	886.4	TOTAL
MEAN	36.2	47.0	44.5	44.8	47.5	73.1	67.6	58.3	54.9	48.1	34.3	28.6	MEAN
MAX	42.8	48.7	47.5	46.9	64.4	83.4	81.7	67.0	61.7	53.9	41.2	30.8	MAX
MIN	28.9	44.2	42.7	42.7	37.2	62.8	59.6	49.8	48.1	40.3	29.7	23.9	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.7
MAXIMUM DAILY, 83.4 ON JUN 8
MINIMUM DAILY, 23.88 ON DEC 12
MAXIMUM INSTANTANEOUS,
83.4 AT 16:00 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 39 N
LONG 114 35 26 W

DRAINAGE AREA, 14 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	97 000	JUL	181 000
FEB	118 000	AUG	156 000
MAR	119 000	SEP	142 000
APR	116 000	OCT	128 000
MAY	127 000	NOV	88 800
JUN	190 000	DEC	76 600

TOTAL DISCHARGE, 1 540 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL AT MENZAGHIES BRIDGE - STATION NO. 05AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	18.5	19.0	19.1	16.5	7.39	3.23	0B	---	1
2	---	---	---	0	18.5	18.9	18.9	15.0	7.21	3.65	0B	---	2
3	---	---	---	0	18.6	18.8	18.6	15.2	7.03	4.74	0B	---	3
4	---	---	---	0	18.9	18.6	19.0	18.5	7.08	3.77	0B	---	4
5	---	---	---	0	18.9	18.8	19.3	15.1	7.07	3.56	0B	---	5
6	---	---	---	0	18.9	18.7	19.4	15.3	7.00	3.06	0B	---	6
7	---	---	---	0	18.8	18.8	19.0	14.7	6.68	3.13	0B	---	7
8	---	---	---	0	18.8	18.9	19.0	12.9	7.13	3.01	0B	---	8
9	---	---	---	0	18.9	18.8	19.3	11.3	7.09	0.828	0B	---	9
10	---	---	---	0	19.0	18.6	19.5	10.4	7.32	0.125	0B	---	10
11	---	---	---	0	18.8	18.6	19.4	10.3	7.94	0.057	0B	---	11
12	---	---	0A	0	19.0	18.7	19.3	9.99	7.77	0.032	0B	---	12
13	---	---	0	0	18.9	18.5	19.1	10.2	7.81	0.021	0B	---	13
14	---	---	0	0	18.8	18.6	19.1	10.5	7.75	0.004	0B	---	14
15	---	---	0	2.80	18.8	18.5	19.2	10.2	7.54	0	0B	---	15
16	---	---	0	9.58	18.8	18.7	19.2	9.82	7.38	0	0B	---	16
17	---	---	0	12.7	18.7	18.8	18.7	8.89	7.15	0	0B	---	17
18	---	---	0	18.5	18.8	18.8	18.8	9.13	8.80	0	0B	---	18
19	---	---	0	18.1	19.0	18.8	18.9	9.08	8.52	0	0B	---	19
20	---	---	0	18.3	18.8	19.1	19.2	8.87	8.72	0	0B	---	20
21	---	---	0	18.1	18.8	19.2	19.4	8.50	7.87	0	0B	---	21
22	---	---	0	18.3	18.8	19.0	19.3	8.32	8.97	0	0B	---	22
23	---	---	0	18.4	18.9	19.0	18.8	8.08	9.58	0	0B	---	23
24	---	---	0	18.3	18.8	19.0	18.7	7.87	8.58	0	0B	---	24
25	---	---	0	18.5	18.8	19.2	15.8	7.76	8.34	0.001	0B	---	25
26	---	---	0	18.7	18.8	19.1	14.5	7.56	5.17	0	0B	---	26
27	---	---	0	18.8	18.9	18.9	13.8	7.30	5.14	0 B	0B	---	27
28	---	---	0	18.7	18.9	18.9	14.5	7.03	5.18	0 B	0B	---	28
29	---	---	0	18.7	18.9	19.1	16.1	7.08	4.18	0 B	0B	---	29
30	---		0	18.6	18.8	19.1	17.7	7.14	2.28	0 B	0B	---	30
31	---		0		18.9		18.3	6.82		0 B		---	31
TOTAL	---	---	---	282.88	583.4	565.5	566.4	322.82	207.60	28.038	0	---	TOTAL
MEAN	---	---	---	8.76	18.8	18.9	18.3	10.4	6.92	0.904	0	---	MEAN
MAX	---	---	---	18.8	19.0	19.2	19.5	16.5	9.58	4.74	0	---	MAX
MIN	---	---	---	0	18.5	18.5	13.8	6.82	2.28	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 19.5 ON JUL 10
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 38 N
LONG 113 33 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	48 900
FEB	---	AUG	27 900
MAR	---	SEP	17 900
APR	22 700	OCT	2 420
MAY	50 400	NOV	0
JUN	48 900	DEC	---

TOTAL DISCHARGE, 219 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW KEHO OUTFLOW - STATION NO 05AC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	17.5	15.9	0.700E	8.71	4.08	---	---	1
2	---	---	---	---	0	17.4	15.8	0.700E	8.58	4.38	---	---	2
3	---	---	---	---	0	17.3	16.9	0.700E	8.38	4.75	---	---	3
4	---	---	---	---	0	17.2	17.5	0.700E	5.12	5.24	---	---	4
5	---	---	---	---	0	17.5	17.6	0.700E	0.300E	5.54	---	---	5
6	---	---	---	---	0	17.4	17.6	3.11	0.300E	5.85	---	---	6
7	---	---	---	---	0	16.9	17.8	11.4	0.300E	5.92	---	---	7
8	---	---	---	---	0.745	16.1	17.9	13.1	0.300E	4.85	---	---	8
9	---	---	---	---	0.791	15.5	15.7	14.1	0.300E	1.35	---	---	9
10	---	---	---	---	0.859	15.2	1.40 E	13.9	0.300E	0.781	---	---	10
11	---	---	---	---	0.925	13.9	0.300E	13.8	0.300E	0.811	---	---	11
12	---	---	---	---	0.961	13.3	0.300E	13.4	0.300E	0	---	---	12
13	---	---	---	---	1.29	13.1	0.300E	12.1	0.300E	0	---	---	13
14	---	---	---	---	2.58	12.5	0.300E	11.7	0.300E	0	---	---	14
15	---	---	---	---	5.04	12.1	0.300E	11.1	0.300E	0	---	---	15
16	---	---	---	---	6.31	12.0	0.600E	10.5	0.300E	0	---	---	16
17	---	---	---	---	6.28	12.2	14.2	1.75	0.300E	0	---	---	17
18	---	---	---	---	7.20	13.8	16.8	0.300E	2.32	0	---	---	18
19	---	---	---	---	7.98	14.3	15.8	0.300E	7.85	0	---	---	19
20	---	---	---	---	8.10	14.5	14.4	0.300E	7.74	0	---	---	20
21	---	---	---	---	8.72	14.2	14.0	0.300E	6.54	0	---	---	21
22	---	---	---	---	10.4	10.8	14.3	0.300E	5.33	0	---	---	22
23	---	---	---	---	11.3	8.86	16.2	0.300E	4.27	0	---	---	23
24	---	---	---	---	12.6	8.89	16.6	0.300E	3.48	0	---	---	24
25	---	---	---	---	13.2	9.05	16.1	0.300E	2.91	0	---	---	25
26	---	---	---	---	13.2	10.9	1.40 E	0.300E	3.22	0	---	---	26
27	---	---	---	---	13.2	12.6	0.700E	0.300E	3.20	0	---	---	27
28	---	---	---	---	13.8	13.8	0.700E	1.60	3.22	0	---	---	28
29	---	---	---	---	15.5	15.6	0.700E	8.70	3.20	0	---	---	29
30	---		---	---	16.8	16.1	0.700E	9.99	3.30	0	---	---	30
31	---		---		17.3		0.700E	9.81		0		---	31
TOTAL	---	---	---	---	185.081	419.90	299.800	188.480	94.080	43.542	---	---	TOTAL
MEAN	---	---	---	---	5.29	14.0	9.68	5.37	3.14	1.40	---	---	MEAN
MAX	---	---	---	---	17.3	17.5	17.9	14.1	8.71	5.92	---	---	MAX
MIN	---	---	---	---	0	8.86	0.300	0.300	0.300	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.82
MAXIMUM DAILY, 17.9 ON JUL 8
MINIMUM DAILY, 0 ON MAY 1
MAXIMUM INSTANTANEOUS,
18.3 AT 10:10 MST ON JUL 7

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 00 N
LONG 112 56 15 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 900
FEB	---	AUG	14 400
MAR	---	SEP	8 130
APR	---	OCT	3 780
MAY	18 900	NOV	---
JUN	38 300	DEC	---

TOTAL DISCHARGE, 105 000 dam³

LETHBRIDGE NORTHERN IRRIGATION DISTRICT CANAL BELOW MONARCH HEADGATES - STATION NO. 05AC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	16.9	4.13	6.32	16.5	0.400E	0 600E	---	---	1
2	---	---	---	0	16.0	4.22	6.56	16.1	0.400E	0	---	---	2
3	---	---	---	0	16.0	4.17	6.20	14.2	0.400E	0	---	---	3
4	---	---	---	0	16.4	3.70	4.20	14.9	0.400E	0	---	---	4
5	---	---	---	0	16.4	3.70	3.36	16.4	6.55	0	---	---	5
6	---	---	---	0	16.4	4.38	2.81	16.1	9.25	0	---	---	6
7	---	---	---	0	16.5	4.80	2.86	7.05	9.23	0	---	---	7
8	---	---	---	0	16.6	6.07	2.55	3.50	9.20	0	---	---	8
9	---	---	---	0	16.7	7.94	6.95	0.700E	9.88	0	---	---	9
10	---	---	---	0	16.8	8.47	15.9	0.700E	9.77	0	---	---	10
11	---	---	---	0	16.9	8.73	17.1	0.700E	10.4	0	---	---	11
12	---	---	---	0	16.0	8.80	17.1	0.700E	11.1	0	---	---	12
13	---	---	---	0	16.9	8.18	17.1	0.700E	11.1	0	---	---	13
14	---	---	---	0	13.7	7.88	17.0	0.700E	11.3	0	---	---	14
15	---	---	---	0	11.8	7.62	17.0	4.12	11.2	0	---	---	15
16	---	---	---	0	12.4	7.33	15.5	8.02	11.0	0	---	---	16
17	---	---	---	6.28	12.4	7.30	10.4	8.30	10.3	0	---	---	17
18	---	---	---	10.8	11.0	7.33	2.53	8.08	7.89	0	---	---	18
19	---	---	---	15.1	10.3	7.05	5.28	10.3	8.73	0	---	---	19
20	---	---	---	16.4	9.92	8.53	5.05	10.3	5.45	0	---	---	20
21	---	---	---	16.5	9.45	8.62	8.93	10.1	7.86	0	---	---	21
22	---	---	---	16.5	7.38	10.4	7.37	10.0	10.2	0	---	---	22
23	---	---	---	16.9	5.31	13.1	4.97	9.78	12.0	0	---	---	23
24	---	---	---	17.0	4.25	12.5	2.12	9.63	13.4	0	---	---	24
25	---	---	---	17.5	4.28	12.8	0.300E	9.18	11.7	0	---	---	25
26	---	---	---	17.7	4.87	11.2	1.00 E	9.25	8.84	0	---	---	26
27	---	---	---	17.4	5.25	8.57	1.00 E	8.15	7.00	0	---	---	27
28	---	---	---	17.4	5.85	6.83	6.87	8.45	6.41	0	---	---	28
29	---	---	---	17.2	5.05	5.48	12.9	3.80	6.38	0	---	---	29
30	---	---	---	17.2	4.27	5.59	14.7	0.400E	8.97	0	---	---	30
31	---	---	---		4.00		16.4	0.400E		0		---	31
TOTAL	---	---	---	216.88	343.97	221.70	257.750	227.010	240.890	0.600	---	---	TOTAL
MEAN	---	---	---	7.33	11.1	7.39	8.31	7.32	8.02	0.019	---	---	MEAN
MAX	---	---	---	17.7	16.9	13.1	17.1	16.5	13.4	0.600	---	---	MAX
MIN	---	---	---	0	4.00	3.70	0.300	0.400	0.400	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.06
MAXIMUM DAILY, 17.7 ON APR 26
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 00 N
LONG 113 11 00 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22 300
FEB	---	AUG	19 600
MAR	---	SEP	20 800
APR	15 000	OCT	51.4
MAY	28 700	NOV	---
JUN	15 200	DEC	---

TOTAL DISCHARGE, 131 000 dam³

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

LITTLE BOW CANAL AT HIGH RIVER - STATION NO. 05BL015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0.3898	0.3208	0.488	0.840	2.16	2.20	2.44	0.585	0.837	0.2638	0.3978	1
2	0.3008	0.4008	0.3458	0.480	0.844	2.19	2.21	2.34	0.583	0.830	0.2048	0.4118	2
3	0.3208	0.4048	0.3708	0.494	0.755	2.22	2.19	2.28	0.587	0.838	0.2178	0.3898	3
4	0.3408	0.4088	0.3908	0.526	0.883	2.43	2.24	2.25	0.536	0.833	0.2158	0.3678	4
5	0.3608	0.4108	0.4158	0.546	0.943	2.30	2.20	2.18	0.505	0.832	0.2158	0.3728	5
6	0.3818	0.4138	0.4408	0.571	0.950	2.24	2.19	2.22	0.540	0.832	0.2158	0.3868	6
7	0.3708	0.4078	0.4988	0.541	0.953	2.32	2.20	2.33	0.891	0.815	0.2428	0.3418	7
8	0.3608	0.4008	0.5308	0.526	0.963	2.32	2.21	2.06	0.604	0.598	0.3688	0.3398	8
9	0.3508	0.3908	0.5558	0.542	0.997	2.19	2.16	1.81	0.608	0.579	0.5308	0.3518	9
10	0.3458	0.3858	0.5758	0.539	1.04	2.15	2.14	1.70	0.624	0.580	0.5258	0.3808	10
11	0.3388	0.3808	0.6008	0.530	1.02	2.26	2.10	1.68	0.648	0.561	0.5208	0.4098	11
12	0.3378	0.3748	0.6258	0.524	1.00	2.40	2.09	1.68	0.649	0.552	0.5328	0.4418	12
13	0.3388	0.3688	0.6408	0.524	1.02	2.33	2.08	1.65	0.649	0.531	0.5418	0.3858	13
14	0.3358	0.3648	0.6358	0.523	1.08	2.26	2.03	1.42	0.644	0.526	0.5608	0.3648	14
15	0.3348	0.3628	0.6308	0.532	1.29	2.22	1.99	1.28	0.632	0.542	0.6208	0.3718	15
16	0.3348	0.3508	0.6258	0.555	1.51	2.25	1.98	1.23	0.627	0.538	0.8658	0.3728	16
17	0.3388	0.3368	0.6188	0.614	1.72	2.26	2.46	1.15	0.621	0.535	0.6628	0.3718	17
18	0.3388	0.3288	0.6108	0.674	1.88	2.22	2.68	1.01	0.623	0.4988	0.6428	0.3688	18
19	0.3428	0.3138	0.6068	0.619	1.80	2.30	2.74	1.00	0.616	0.4768	0.6188	0.3608	19
20	0.3478	0.3008	0.5758	0.584	2.04	2.28	2.71	0.998	0.623	0.4688	0.5788	0.3488	20
21	0.3538	0.2908	0.527A	0.557	2.08	2.28	2.77	0.887	0.646	0.4538	0.5388	0.3388	21
22	0.3608	0.2768	0.561	0.574	1.98	2.22	2.84	0.971	0.657	0.4638	0.5228	0.3618	22
23	0.3708	0.2688	0.585	0.578	2.14	2.26	2.78	0.942	0.656	0.4178	0.4988	0.3488	23
24	0.3808	0.2658	0.800	0.656	2.11	2.25	2.67	0.909	0.657	0.4698	0.4848	0.3858	24
25	0.3908	0.2658	0.555	0.633	1.92	2.25	2.68	0.914	0.662	0.5168	0.4768	0.3848	25
26	0.3948	0.2668	0.533	0.807	1.89	2.26	2.63	0.887	0.658	0.5118	0.4618	0.4088	26
27	0.3988	0.2708	0.536	0.588	1.80	2.38	2.61	0.789	0.673	0.4428	0.4508	0.3838	27
28	0.3978	0.2758	0.517	0.563	2.00	2.26	2.58	0.832	0.667	0.5018	0.4588	0.3758	28
29	0.3988	0.2858	0.526	0.578	2.16	2.25	2.68	0.817	0.655	0.5138	0.3978	0.4188	29
30	0.3988		0.512	0.570	2.38	2.25	2.68	0.598	0.638	0.5068	0.3978	0.4138	30
31	0.3988		0.488		2.42		2.67	0.581		0.4918		0.4458	31
TOTAL	11.014	9.853	16.848	17.325	48.208	67.89	74.24	43.828	18.810	16.838	13.631	11.748	TOTAL
MEAN	0.355	0.343	0.534	0.578	1.49	2.28	2.39	1.41	0.620	0.537	0.484	0.378	MEAN
MAX	0.398	0.413	0.640	0.884	2.42	2.43	3.84	2.44	0.673	0.837	0.865	0.445	MAX
MIN	0.280	0.265	0.320	0.480	0.840	3.15	1.95	0.581	0.505	0.417	0.204	0.338	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.849
MAXIMUM DAILY, 2.84 ON JUL 22
MINIMUM DAILY, 0.2048 ON NOV 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 59 N
LONG 113 52 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	953	JUL	6 410
FEB	880	AUG	3 770
MAR	1 430	SEP	1 810
APR	1 500	OCT	1 440
MAY	3 990	NOV	1 180
JUN	5 870	DEC	1 010

TOTAL DISCHARGE, 30 000 dam³

LITTLE BOW RIVER AT CARMANGAY - STATION NO. 05AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0908	0.371	0.428	1.85 A	1.05	1.99	1.18	2.13	0.850	0.879	0.629	0.603	1
2	0.0848	0.412	0.480	2.06 E	0.985	2.12	1.33	2.14	0.818	0.844	0.450	0.6008	2
3	0.0848	0.485	0.484	2.25 A	0.814	2.12	1.34	2.05	0.709	0.889	0.390	0.5908	3
4	0.1658	0.498	0.448	1.79	0.924	1.87	1.26	1.86	0.707	0.773	0.377	0.5808	4
5	0.1098	0.521	0.486	2.07	0.883	2.11	0.833	1.72	0.551	0.734	0.385	0.5758	5
6	0.0838	0.578	0.553	1.88	0.986	2.25	1.08	1.71	0.409	0.743	0.470	0.5608	6
7	0.0918	0.648	0.602	1.73	1.25	2.68	0.873	1.51	0.472	0.746	0.546	0.5508	7
8	0.1058	0.725	0.600	1.49	1.31	3.24	0.870	1.86	0.647	0.868	0.558	0.5408	8
9	0.1478	0.744	0.585	1.52	1.36	3.58	0.787	1.82	0.748	0.884	0.557	0.5308	9
10	0.2308	0.700	0.573	1.28	1.12	4.12	0.822	1.44	0.695	0.588	0.548	0.5208	10
11	0.2218	0.642	0.570	1.28	1.08	4.25	0.821	1.73	0.817	0.517	0.544	0.4878	11
12	0.1598	0.631	0.576	1.06	1.12	3.75	0.722	1.94	0.931	0.612A	0.538	0.4808	12
13	0.1158	0.626	0.605	1.05	1.16	3.07	0.660	1.61	0.900	0.778	0.518	0.4708	13
14	0.2408	0.648	0.684	1.05	1.07	2.77	0.388	1.53	0.934	0.852	0.478	0.4608	14
15	0.3968	0.822	1.08	0.989	1.23	2.23	0.425	1.36	0.928	0.801	0.581	0.4408	15
16	0.2758	0.901	1.13	0.910	1.35	2.29	0.414	1.33	0.870	0.841	0.650	0.4208	16
17	0.3378	0.996	0.884	0.897	1.51	2.27	0.478	1.50	0.811	0.837	0.758	0.4008	17
18	0.4258	0.921	0.758	1.03	1.48 A	2.10	0.746	1.38	0.784	0.801	0.575	0.3708	18
19	0.3638	0.557	0.788	1.16	1.61 E	1.82	0.979	1.28	0.851	0.582	0.555	0.3808	19
20	0.4098	0.572	0.903	1.41	1.74 E	2.01	0.787	1.14	0.968	0.636	0.823	0.3508	20
21	0.3758	0.550	0.954	1.49	1.86 E	1.91	0.715	1.18	1.05 A	0.721	0.622	0.3408	21
22	0.4978	0.561	1.20	1.44	1.99 E	2.41	1.03	1.18	1.18 E	1.16	0.594	0.3208	22
23	0.2808	0.585	1.61	1.45	2.12 A	2.73	1.21	1.10	1.25 E	0.821	0.738	0.3108	23
24	0.2748	0.584	1.76	1.44	2.12	2.80	1.27	0.892	1.34 E	1.45	0.732	0.3008	24
25	0.2898	0.958	1.91	1.45	2.43	2.19	1.28	0.878	1.44 E	1.12	0.740	0.2908	25
26	0.3118	0.581	1.88	1.40	2.38	1.87	1.26	0.844	1.36 E	1.08	0.738	0.2808	26
27	0.3868	0.598	1.86	1.32	2.47	1.71	1.17	0.832	1.28 E	0.882	0.890	0.2708	27
28	0.3698	0.693	1.91	1.24	2.11	1.40	1.11	0.789	1.20 A	0.580	0.677	0.2608	28
29	0.318	0.416	1.90	1.17	1.97	1.51	1.28	0.847	1.08	0.675	0.848	0.2588	29
30	0.313		1.83	1.12	1.87	1.18	2.03	0.841	1.04	0.707	0.595	0.2508	30
31	0.341		1.85		1.61		2.03	0.785		0.882		0.2458	31
TOTAL	7.970	16.333	32.099	42.256	47.062	71.84	31.267	42.818	27.908	24.821	17.606	13.005	TOTAL
MEAN	0.257	0.583	1.04	1.41	1.52	2.39	1.01	1.38	0.930	0.801	0.587	0.420	MEAN
MAX	0.497	0.744	1.98	2.25	2.47	4.25	2.03	2.14	1.44	1.45	0.758	0.603	MAX
MIN	0.083	0.371	0.428	0.897	0.883	1.18	0.388	0.785	0.409	0.517	0.377	0.245	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 4.25 ON JUN 11
MINIMUM DAILY, 0.388 ON JUL 14
MAXIMUM INSTANTANEOUS,
4.30 AT 02:37 MST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 51 N
LONG 113 07 02 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	689	JUL	2 700
FEB	1 410	AUG	3 710
MAR	2 770	SEP	2 410
APR	3 650	OCT	2 140
MAY	4 070	NOV	1 520
JUN	6 210	DEC	1 120

TOTAL DISCHARGE, 27 700 dam³

LITTLE BOW RIVER BELOW TRAVERS DAM - STATION NO. 05AC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.743	0.921	0.730	0.734	0.835	0.784	0.705	---	---	1
2	---	---	---	0.724	0.804	0.810	0.748	1.03	0.770	0.703	---	---	2
3	---	---	---	0.715	0.829	0.783	0.757	0.868	0.785	0.715	---	---	3
4	---	---	---	0.718	0.909	0.809	0.730	0.788	0.748	0.712	---	---	4
5	0.7638	---	---	0.708	0.908	0.826	0.682	0.772	0.784	0.722	---	---	5
6	---	---	---	0.690	0.908	0.808	0.684	0.765	0.752	0.736	---	---	6
7	---	---	---	0.686	0.902	0.785	0.713	0.756	0.766	0.737	---	---	7
8	---	0.718	---	0.701	0.901	0.828	0.701	0.730	0.703	0.755	---	---	8
9	---	---	---	0.710	0.891	0.832	0.732	0.686	0.738	0.775	---	---	9
10	---	---	---	0.692	0.894	0.862	0.726	0.709	0.729	0.776	---	---	10
11	---	---	---	0.708	0.887	0.831	0.742	0.675	0.727	0.780	---	0.6398	11
12	---	---	---	0.736	0.826	0.808	0.734	0.611	0.705	0.784	---	---	12
13	---	---	---	0.744	0.833	0.789	0.787	0.681	0.686	0.810	---	---	13
14	---	---	0.740	0.762	0.839	0.753	0.772	0.638	0.729	0.839	---	---	14
15	---	---	---	0.786	0.843	0.782	0.807	0.672	0.689	0.857	---	---	15
16	---	---	---	0.837	0.868	0.783	0.780	0.714	0.681	0.863	---	---	16
17	---	---	---	1.02	0.843	0.759	0.783	0.730	0.674	0.861	---	---	17
18	---	---	---	1.03	0.868	0.743	0.784	0.778	0.688	0.8648	---	---	18
19	---	---	---	1.01	0.871	0.686	0.787	0.764	0.687	0.8738	---	---	19
20	---	---	---	0.973	0.871	0.676	0.784	0.709	0.722	0.885	0.858	---	20
21	---	0.708	---	0.941	0.848	0.752	0.772	0.705	0.704	0.888	---	---	21
22	---	---	---	0.938	0.889	0.805	0.850	0.733	0.683	0.889	---	---	22
23	---	---	---	0.941	0.857	0.777	0.805	0.732	0.702	0.905	---	---	23
24	0.7088	---	---	0.934	0.868	0.789	0.741	0.705	0.681	0.938	---	---	24
25	---	---	---	0.881	0.834	0.785	0.728	0.692	0.688	0.984	---	---	25
26	---	---	---	0.843	0.828	0.803	0.723	0.690	0.681	1.07	---	---	26
27	---	---	0.829A	0.928	0.807	0.780	0.728	0.742	0.688	1.07	---	---	27
28	---	---	0.801	0.831	0.782	0.808	0.730	0.748	0.708	1.07 B	---	---	28
29	---	---	0.793	0.826	0.772	0.783	0.853	0.789	0.701	1.08 B	---	---	29
30	---		0.772	0.823	0.790	0.788	0.872	0.740	0.703	1.08 B	---	---	30
31	---		0.784		0.774		0.836	0.773		1.08 B		---	31
TOTAL	---	---	---	25.160	26.602	23.530	23.611	22.888	21.412	26.867	---	---	TOTAL
MEAN	---	---	---	0.839	0.858	0.784	0.762	0.738	0.714	0.866	---	---	MEAN
MAX	---	---	---	1.03	0.929	0.862	0.872	1.03	0.770	1.08	---	---	MAX
MIN	---	---	---	0.686	0.762	0.676	0.682	0.611	0.681	0.703	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.787
MAXIMUM DAILY, 1.088 ON OCT 29
MINIMUM DAILY, 0.611 ON AUG 12
MAXIMUM INSTANTANEOUS,
2.39 AT 21:34 MST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 04 N
LONG 112 40 14 W
DRAINAGE AREA, 5 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 040
FEB	---	AUG	1 980
MAR	---	SEP	1 850
APR	2 170	OCT	2 320
MAY	2 300	NOV	---
JUN	2 030	DEC	---

TOTAL DISCHARGE, 12 500 dam³

LITTLE BOW RIVER NEAR THE MOUTH - STATION NO. 05AC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.938	1.10	1.21	0.574	1.02	1.30	---	---	1
2	---	---	---	---	0.930	0.933	1.32	0.579	1.07	1.13	---	---	2
3	---	---	---	---	0.934	0.773	1.18	0.645	1.22	0.908	---	---	3
4	---	---	---	---	0.895	0.911	1.25	1.27	1.31	0.937	---	---	4
5	---	---	---	---	1.02	0.980	0.833	0.652	1.18	1.28	---	---	5
6	---	---	---	---	1.01	1.14	0.645	0.580	0.973	1.43	---	---	6
7	---	---	---	---	0.977	1.06	0.885	0.758	1.11	1.57	---	---	7
8	---	---	---	---	0.841	1.18	0.986	0.631	1.10	1.85	---	---	8
9	---	---	---	---	0.887	1.76	1.15	0.687	0.957	1.75	---	---	9
10	---	---	---	---	0.888	1.55	0.899	0.674	0.981	1.41	---	---	10
11	---	---	---	---	0.911	1.74	0.485	0.698	0.957	1.14	---	---	11
12	---	---	---	---	0.882	1.89	0.253	0.985	0.917	0.842	---	---	12
13	---	---	---	---	0.823	1.61	0.183	1.12	0.684	0.733	---	---	13
14	---	---	---	---	0.782	1.31	0.174	1.27	0.926	0.674	---	---	14
15	---	---	---	---	0.845	1.30	0.235	1.38	0.926	0.680	---	---	15
16	---	---	---	---	0.940	1.38	0.297	1.04	0.939	0.674	---	---	16
17	---	---	---	0.845A	0.842	1.38	0.278	1.03	0.841	0.8408	---	---	17
18	---	---	---	0.988	0.881	1.43	0.446	1.25	0.815	0.8108	---	---	18
19	---	---	---	1.07	0.889	1.40	0.367	0.950	0.934	0.5808	---	---	19
20	---	---	---	1.12	0.814	1.17	0.343	0.829	1.23	0.5408	---	---	20
21	---	---	---	0.987	0.903	1.01	0.272	0.827	1.43	0.5408	---	---	21
22	---	---	---	0.868	0.921	1.78	0.218	0.738	1.28	0.5428	---	---	22
23	---	---	---	0.885	0.847	2.04	0.243	0.873	1.18	0.5508	---	---	23
24	---	---	---	0.910	0.861	1.32	0.845	0.714	1.13	0.5508	---	---	24
25	---	---	---	0.986	1.83	1.10	1.02	0.734	1.12	0.5508	---	---	25
26	---	---	---	1.01	1.38	1.23	0.771	0.811	1.31	0.5108	---	---	26
27	---	---	---	0.945	1.03	1.38	0.671	0.580	1.05	0.5008	---	---	27
28	---	---	---	0.938	0.832	1.40	0.320	0.643	1.18	0.4788	---	---	28
29	---	---	---	0.938	0.767	1.18	0.381	0.851	1.33	0.4708	---	---	29
30	---		---	0.923	0.837	1.24	0.474	0.831	1.30	0.4608	---	---	30
31	---		---		1.04		0.848	0.818		0.4508		---	31
TOTAL	---	---	---	---	29.828	39.457	18.930	25.400	32.580	28.349	---	---	TOTAL
MEAN	---	---	---	---	0.956	1.32	0.611	0.819	1.09	0.850	---	---	MEAN
MAX	---	---	---	---	1.83	2.04	1.32	1.38	1.43	1.85	---	---	MAX
MIN	---	---	---	---	0.767	0.773	0.174	0.580	0.815	0.450	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.837
MAXIMUM DAILY, 2.04 ON JUN 23
MINIMUM DAILY, 0.174 ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 00 N
LONG 112 30 20 W
DRAINAGE AREA, 5 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 640
FEB	---	AUG	2 190
MAR	---	SEP	2 810
APR	---	OCT	2 280
MAY	2 580	NOV	---
JUN	3 410	DEC	---

TOTAL DISCHARGE, 14 900 dam³

LITTLE ELBOW RIVER ABOVE NIHAHI CREEK - STATION NO. 05BJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.852	3.03	4.00	1.87	1.47	1.47	1.178	---	1
2	---	---	---	---	0.863	2.80	3.61	1.88	1.44	1.41	---	---	2
3	---	---	---	---	0.871	2.88	3.31	1.84	1.45	1.88	---	---	3
4	---	---	---	---	0.854	2.80	3.24	1.82	1.45	1.89	---	---	4
5	---	---	---	---	0.885	3.17	3.27	1.85	1.37	1.70	---	---	5
6	---	---	---	---	0.878	3.44	3.37	2.08	1.41	1.87	---	---	6
7	---	---	---	---	0.868	3.83	3.07	1.83	1.37	1.81	---	---	7
8	---	---	---	---	0.878	4.58	2.88	1.77	1.33	1.71	---	---	8
9	---	---	---	---	0.889	4.28	2.73	1.72	1.34	1.70	---	---	9
10	---	---	---	---	0.878	4.05	2.61	1.69	1.37	1.72	---	---	10
11	---	---	---	---	0.876	4.84	2.73	1.68	1.38	1.80	---	---	11
12	---	---	---	---	0.859	5.58	2.82	1.68	1.38	1.57	---	---	12
13	---	---	---	---	0.871	5.63	2.78	1.69	1.34	1.57	---	---	13
14	---	---	---	---	1.11	6.28	2.65	1.58	1.33	1.49	---	---	14
15	---	---	---	---	1.72	6.71	2.54	1.55	1.34	1.45	---	---	15
16	---	---	---	---	2.12	6.60	2.48	1.52	1.31	1.48	---	---	16
17	---	---	---	---	1.74	5.60	2.48	1.51	1.28	1.44	---	---	17
18	---	---	---	---	1.63	4.89	2.48	1.51	1.31	1.38	---	---	18
19	---	---	---	---	1.83	4.64	2.45	1.53	1.30	1.33	---	---	19
20	---	---	---	---	1.78	4.48	2.30	1.48	1.33	1.29	---	---	20
21	---	---	---	---	1.45	4.73	2.41	1.47	1.33	1.27	---	---	21
22	---	---	---	---	1.35	4.48	2.16	1.48	1.36	1.29	---	---	22
23	---	---	---	---	1.38	4.73	2.02	1.47	1.34	1.28	---	---	23
24	---	---	---	0.845A	1.30	5.09	1.95	1.48	1.32	1.31	---	---	24
25	---	---	---	0.928	1.31	5.12	1.88	1.44	1.31	1.31	---	---	25
26	---	---	---	0.890	1.32	4.92	1.87	1.43	1.34	1.30	---	---	26
27	---	---	---	0.889	1.33	5.48	2.08	1.82	1.31	1.28	---	---	27
28	---	---	---	0.882	1.48	5.53	2.08	1.58	1.33	1.22	---	---	28
29	---	---	---	0.873	2.87	6.15	2.23	1.55	1.34	1.178	---	---	29
30	---		---	0.868	5.85	5.12	2.24	1.53	1.38	1.178	---	---	30
31	---		---		4.78		2.03	1.49		1.178		---	31
TOTAL	---	---	---	---	47.088	140.95	80.78	50.91	40.85	44.59	---	---	TOTAL
MEAN	---	---	---	---	1.52	4.70	2.61	1.84	1.36	1.44	---	---	MEAN
MAX	---	---	---	---	5.85	6.71	4.00	2.08	1.47	1.72	---	---	MAX
MIN	---	---	---	---	0.852	2.80	1.95	1.43	1.28	1.17	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.20
MAXIMUM DAILY, 6.71 ON JUN 15
MINIMUM DAILY, 0.852 ON MAY 1
MAXIMUM INSTANTANEOUS,
6.82 AT 19:49 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 42 N
LONG 114 55 00 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 980
FEB	---	AUG	4 400
MAR	---	SEP	3 510
APR	---	OCT	3 650
MAY	4 070	NOV	---
JUN	12 200	DEC	---

TOTAL DISCHARGE, 35 000 dam³

LITTLE PADDLE RIVER NEAR MAYERTHORPE - STATION NO 07EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.050B	0.310B	0.239	0.594	0.148	0	0	0.120E	0.112B	---	1
2	---	---	0.050B	0.315B	0.234	0.518	0.182	0	0	0.155E	---	---	2
3	---	---	0.050B	0.320B	0.258	0.388	0.147	0	0	0.185E	---	---	3
4	---	---	0.050B	0.335B	1.04	0.308	0.116	0	0	0.201A	---	---	4
5	---	---	0.055B	0.340B	2.06	0.291	0.083	0	0	0.220E	---	---	5
6	---	---	0.058B	0.338	1.85	0.481	0.080	0	0	0.240E	---	---	6
7	---	---	0.075B	0.463B	1.18	3.56	0.113	0	0.005	0.260E	---	---	7
8	---	---	0.080B	0.502B	0.716	18.5	0.138	0	0.339	0.280E	---	---	8
9	---	---	0.080B	0.723B	0.586	11.2	0.118	0	0.138	0.305A	---	---	9
10	---	---	0.080B	0.599	0.842	4.28	0.103	0	0.088	0.327	---	---	10
11	---	---	0.050B	0.551	1.03	2.80	0.087	0	0.094	0.344	---	---	11
12	---	---	0.040B	0.552	0.893	1.86	0.082	0	0.120	0.355	---	---	12
13	---	---	0.040B	0.582	0.537	1.29	0.088	0	0.160E	0.356	---	---	13
14	---	---	0.040B	0.544	0.493	1.09	0.076	0	0.150E	0.418	---	---	14
15	---	---	0.040B	0.520	0.481	0.827	0.055	0	0.130E	0.387	---	---	15
16	---	---	0.040B	0.496	0.902	0.845	0.054	0	0.135E	0.411	---	---	16
17	---	---	0.040B	0.705	7.84	0.819	0.074	0	0.140A	0.395	---	---	17
18	---	---	0.040B	0.592	4.32	0.882	0.077	0	0.140	0.433	---	---	18
19	---	---	0.050B	0.845	2.34	0.541	0.087	0	0.131	0.458	---	---	19
20	---	---	0.060B	0.489	1.83	0.479	0.053	0	0.166	0.490	---	---	20
21	---	---	0.085B	0.435	1.20	0.425	0.083	0	0.257	0.502	---	---	21
22	---	---	0.120B	0.377	0.980	0.354	0.058	0	0.947	0.487	---	---	22
23	---	---	0.155B	0.382	0.803	0.333	0.037	0	0.631	0.451B	---	---	23
24	---	---	0.185B	0.365	0.776	0.287	0.024	0	0.280	0.450B	---	---	24
25	---	---	0.260B	0.342	0.693	0.248	0.017	0	0.205	0.484B	---	---	25
26	---	---	0.285B	0.298	0.834	0.285	0.011	0	0.153	0.453B	---	---	26
27	---	---	0.320B	0.286	0.568	0.285	0.008	0	0.085	0.394B	---	---	27
28	---	---	0.335B	0.266	0.494	0.207	0.003	0	0.069	0.321B	---	---	28
29	---	---	0.341B	0.247	0.452	0.188	0.002	0	0.065A	0.236B	---	---	29
30	---		0.345B	0.240	0.435	0.174	0.001	0	0.065E	0.189B	---	---	30
31	---		0.325B		0.441		0	0		0.147B		---	31
TOTAL	---	---	3.841	13.281	38.627	51.753	2.133	0	4.594	10.424	---	---	TOTAL
MEAN	---	---	0.124	0.443	1.18	1.73	0.069	0	0.158	0.336	---	---	MEAN
MAX	---	---	0.345	0.733	7.84	18.5	0.182	0	0.947	0.502	---	---	MAX
MIN	---	---	0.040	0.240	0.234	0.174	0	0	0	0.120	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.501
MAXIMUM DAILY, 18.5 ON JUN 8
MINIMUM DAILY, 0 ON JUL 31
MAXIMUM INSTANTANEOUS,
21.7 AT 20:55 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 51 N
LONG 115 10 29 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	184
FEB	---	AUG	0
MAR	332	SEP	408
APR	1 150	OCT	901
MAY	3 160	NOV	---
JUN	4 470	DEC	---

TOTAL DISCHARGE, 10 600 dam³

LITTLE RED DEER RIVER NEAR THE MOUTH - STATION NO. 05CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.101B	0.115B	0.594B	4.00B	1.22	1.55	0.986	0.659	0.045E	1.12	0.842B	0.180B	1
2	0.104B	0.123B	0.687B	3.90B	1.38	1.39	0.809	0.781	0.050E	1.04	0.862B	0.185B	2
3	0.107B	0.130B	0.585B	3.83B	1.88	1.22	0.883	0.655	0.050E	1.03	0.872B	0.190B	3
4	0.109B	0.140B	0.726B	3.78B	1.45	1.20	0.639	0.532	0.040E	1.03	0.656B	0.200B	4
5	0.111B	0.150B	0.689B	3.70B	1.48	1.17	0.698	0.455	0.040E	1.04	0.713B	0.202B	5
6	0.115B	0.185B	0.725B	3.65B	1.53	1.28	0.578	0.352	0.050E	1.05	0.679B	0.195B	6
7	0.118B	0.180B	0.710B	3.60B	1.46	1.55	0.497	0.367	0.040E	1.08	0.670B	0.194B	7
8	0.120B	0.200B	0.695B	3.50B	1.42	3.42	0.398	0.328	0.045E	1.13	0.660B	0.198B	8
9	0.121B	0.220B	0.705B	3.44	1.48	10.0	0.430	0.278	0.047E	1.09	0.645B	0.197B	9
10	0.123B	0.240B	0.745B	3.67	1.50	21.1	0.339	0.349	0.384	1.05	0.625B	0.220B	10
11	0.122B	0.265B	0.687B	3.55	1.83	18.6	0.310	0.482	0.550	0.986	0.595B	0.212B	11
12	0.121B	0.295B	0.717B	2.85	1.59	13.3	0.269	0.356	0.508	1.07	0.555B	0.199B	12
13	0.121B	0.350B	0.727B	2.57	1.41	9.79	0.268	0.361	0.653	0.917	0.530B	0.200B	13
14	0.120B	0.554B	0.659B	2.35	1.42	7.22	0.210	0.285	0.580	0.835	0.525B	0.208B	14
15	0.120B	1.33 B	0.698B	2.48	1.41	5.66	0.191	0.199	0.421	0.771	0.515B	0.209B	15
16	0.119B	0.948B	0.759B	3.82	1.48	4.38	0.241	0.150	0.382	0.744	0.520B	0.201B	16
17	0.118B	0.750B	0.778B	3.02	1.53	4.39	0.306	0.162	0.433	0.804B	0.545B	0.180B	17
18	0.112B	0.700B	0.806B	2.65	1.65	5.70	0.281	0.173	0.883	0.670B	0.570B	0.160B	18
19	0.116B	0.670B	0.837B	2.71	2.87	4.80	0.232	0.176	0.838	0.838B	0.600B	0.142B	19
20	0.115B	0.640B	0.826B	2.89	2.72	3.87	0.287	0.172	0.615	0.862B	0.610B	0.138B	20
21	0.115B	0.620B	0.895B	2.62	2.33	3.36	0.270	0.139	0.722	0.885B	0.622B	0.140B	21
22	0.114B	0.610B	1.56 B	2.24	1.94	3.03	0.336	0.098	1.00	0.574B	0.600B	0.153B	22
23	0.113B	0.615B	1.53 B	2.48	1.49	2.67	0.337	0.085	1.28	0.507B	0.630B	0.152B	23
24	0.112B	0.620B	2.21 B	2.51	1.28	2.63	0.311	0.069	1.68	0.548B	0.620B	0.145B	24
25	0.108B	0.641B	2.26 B	2.25	1.10	2.30	0.253	0.078	2.03	0.529B	0.350B	0.141B	25
26	0.105B	0.687B	2.35 B	2.01	0.948	2.02	0.382	0.078	1.88	0.570B	0.300B	0.140B	26
27	0.103B	0.627B	4.19 B	1.81	1.12	1.78	0.278	0.063	1.87	0.580B	0.250B	0.142B	27
28	0.101B	0.853B	4.20 B	1.83	1.41	1.48	0.244	0.041A	1.47	0.525B	0.230B	0.130B	28
29	0.100B	0.718B	4.19 B	1.44	1.80	1.37	0.233	0.042E	1.38	0.459B	0.205B	0.120B	29
30	0.103B		4.18 B	1.31	1.73	1.11	0.265	0.043E	1.23	0.559B	0.190B	0.110B	30
31	0.104B		4.07 B		1.74		0.282	0.044E		0.577B		0.105B	31
TOTAL	3.492	13.957	46.070	84.84	48.288	143.54	11.761	7.851	20.434	24.928	15.868	5.292	TOTAL
MEAN	0.113	0.481	1.48	2.83	1.58	4.78	0.379	0.256	0.681	0.804	0.530	0.171	MEAN
MAX	0.123	1.33	4.20	4.00	2.87	21.1	0.986	0.781	2.03	1.13	0.713	0.220	MAX
MIN	0.100	0.115	0.585	1.31	0.948	1.11	0.191	0.041	0.040	0.459	0.190	0.105	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 21.1 CL JUN 10
MINIMUM DAILY, 0.040E ON SEP 4
MAXIMUM INSTANTANEOUS,
22.6 AT 15:45 MST ON JUN 10

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 40 N
LONG 114 08 20 W
DRAINAGE AREA, 3 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	302	JUL	1 010
FEB	1 210	AUG	687
MAR	3 980	SEP	1 770
APR	7 330	OCT	2 150
MAY	4 250	NOV	1 370
JUN	12 400	DEC	457

TOTAL DISCHARGE, 36 900 dam³

LITTLE RED DEER RIVER NEAR WATER VALLEY - STATION NO 05CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2078	0.5808	0.483	0.633	0.623	0.181	0.183	0.453	0.2228	0.1848	1
2	---	---	0.1718	0.6408	0.452	0.842	0.531	0.158	0.188	0.497	0.2138	0.1858	2
3	---	---	0.1688	0.6208	0.448	0.847	0.478	0.154	0.131	0.578	0.2368	0.1788	3
4	---	---	0.1588	0.6108	0.411	0.385	0.432	0.178	0.160	0.813	0.2428	0.1808	4
5	---	---	0.1718	0.6008	0.393	0.680	0.410	0.800	0.145	0.643	0.2408	0.1908	5
6	---	---	0.1808	0.5708	0.451	2.27	0.383	0.586	0.272	0.841	0.2438	0.2008	6
7	---	---	0.1728	0.5808	0.587	2.58	0.336	0.372	0.563	0.648	0.2358	0.2048	7
8	---	---	0.1758	0.5308	0.726	5.98	0.343	0.228	0.403	0.580	0.2308	0.2048	8
9	---	---	0.1758	0.5108	0.775	11.6	0.307	0.184	0.281	0.537	0.2318	0.1958	9
10	---	---	0.1758	0.4798	0.701	8.38	0.287	0.203	0.239	0.445	0.2328	0.1888	10
11	---	---	0.1788	0.4618	0.587	5.33	0.348	0.189	0.281	0.484	0.2108	0.1878	11
12	---	---	0.1708	0.4528	0.502	3.84	0.413	0.178	0.327	0.480	0.2158	0.1898	12
13	---	---	0.1708	0.4708	0.456	2.85	0.583	0.184	0.390	0.528	0.2138	0.2008	13
14	---	---	0.1708	0.5708	0.498	2.32	0.458	0.147	0.413	0.512	0.2108	0.1958	14
15	---	---	0.1708	0.9118	0.537	2.26	0.314	0.132	0.378	0.480	0.2258	0.1928	15
16	---	---	0.1788	1.22 E	1.18	2.96	0.262	0.173	0.306	0.458	0.2388	0.1588	16
17	---	---	0.1808	1.41	2.20	2.48	0.193	0.139	0.275	0.458	0.2248	0.1308	17
18	---	---	0.2088	1.34	1.57	2.09	0.147	0.130	0.257	0.4348	0.2258	0.1058	18
19	---	---	0.2138	1.30	1.13	1.84	0.113	0.184	0.282	0.3908	0.2288	0.1118	19
20	---	---	0.2868	1.44	0.927	1.76	0.111	0.157	0.283	0.3458	0.2328	0.1158	20
21	---	---	0.2838	1.63	0.787	1.73	0.204	0.132	0.442	0.3868	0.2408	0.1218	21
22	---	---	0.3378	1.43	0.820	1.80	0.313	0.122	0.613	0.3988	0.2458	0.1088	22
23	---	---	1.10 E	1.13	0.541	1.50	0.269	0.098	0.643	0.2808	0.2498	0.0958	23
24	---	---	1.33 E	0.874	0.588	1.34	0.244	0.113	0.588	0.2728	0.2408	0.0888	24
25	---	---	0.8858	0.729	0.608	1.17	0.187	0.137	0.530	0.2728	0.2308	0.0778	25
26	---	---	0.6788	0.643	0.820	1.05	0.148	0.139	0.484	0.2408	0.2108	0.0658	26
27	---	0.1708	0.6158	0.581	0.850	0.904	0.182	0.123	0.4348	0.1948	0.1808	0.0528	27
28	---	0.1688	0.6278	0.588	0.885	0.782	0.370	0.128	0.3988	0.2158	0.1518	0.0398	28
29	---	0.2168	0.7108	0.532	0.784	0.729	0.587	0.133	0.385	0.2418	0.1288	0.0308	29
30	---		0.7008	0.487	0.807	0.724	0.333	0.150	0.401	0.2358	0.1388	0.0238	30
31	---		0.8808		0.588		0.271	0.188		0.2328		0.0178	31
TOTAL	---	---	11.559	23.818	23.471	72.786	10.096	5.880	10.589	13.031	6.957	4.177	TOTAL
MEAN	---	---	0.373	0.794	0.726	2.43	0.326	0.190	0.353	0.420	0.219	0.135	MEAN
MAX	---	---	1.33	1.63	2.20	11.6	0.623	0.600	0.643	0.648	0.249	0.204	MAX
MIN	---	---	0.156	0.452	0.383	0.385	0.111	0.089	0.131	0.194	0.128	0.017	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.695
MAXIMUM DAILY, 11.6 ON JUN 9
MINIMUM DAILY, 0.089 ON AUG 23
MAXIMUM INSTANTANEOUS,
13.2 AT 07:03 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 41 N
LONG 114 40 19 W
DRAINAGE AREA, 849 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	872
FEB	---	AUG	609
MAR	988	SEP	918
APR	2 080	OCT	1 130
MAY	1 940	NOV	557
JUN	6 280	DEC	361

TOTAL DISCHARGE, 14 700 dam³

LITTLE SMOKY RIVER AT LITTLE SMOKY - STATION NO. 07CG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3 508	7 088	34 2	34 1	15 1	5 21	3 85	39 0 E	7 528	---	1
2	---	---	3 528	7 668	34 3	29 7	15 4	4 93	3 83	36 0 E	---	---	2
3	---	---	3 548	8 708	34 3	28 5	15 4	5 07	3 75	33 5	---	---	3
4	---	---	3 568	9 428	36 1	25 9	15 4	5 09	3 63	33 4	---	---	4
5	---	---	3 588	9 238	37 7	24 8	15 4	7 63	3 50	32 9	---	---	5
6	---	---	3 588	8 508	38 3	24 8	15 8	9 27	5 84	32 5	---	---	6
7	---	---	3 588	10 1 E	37 8	33 8	16 0	9 20	10 6	30 3	---	---	7
8	---	---	3 588	10 6 E	37 5	73 4	16 2	9 18	22 6	28 4	---	---	8
9	---	---	3 608	12 3 E	39 4	104	16 9	8 88	40 2	25 2	---	---	9
10	---	---	3 608	14 3 E	72 3	87 6	16 8	6 99	69 2	24 8	---	---	10
11	---	---	3 558	13 . E	78 0	69 7	15 5	6 50	83 4	24 3	---	---	11
12	---	---	3 508	14 3 E	67 6	58 2	15 3	6 22	91 6	23 7	---	---	12
13	---	---	3 488	16 2 E	65 4	50 1	14 7	5 73	103	23 5	---	---	13
14	---	---	3 458	17 4	54 4	38 4	13 6	5 31	91 6	22 1	---	---	14
15	---	---	3 408	19 8	52 7	35 9	12 3	5 94	81 0	21 1	---	---	15
16	---	---	3 408	20 1	83 4	33 6	11 3	6 50	61 2	20 0	---	---	16
17	---	---	3 488	27 8	163	31 7	9 27	7 46	58 4	19 7	---	---	17
18	---	---	3 508	31 8	170	30 9	8 43	7 97	52 8	19 4	---	---	18
19	---	---	3 508	32 2	160	30 4	8 22	8 18	53 4	18 9	---	---	19
20	---	---	3 558	36 9	128	25 0	8 01	8 46	64 1	18 5	---	---	20
21	---	---	3 708	36 1	107	26 1	7 67	7 90	70 3	19 2	---	---	21
22	---	---	3 758	37 1	84 2	22 8	7 73	7 45	154	18 3	---	---	22
23	---	---	4 208	38 8	74 2	21 8	7 68	8 40	156	18 3	---	---	23
24	---	---	5 208	37 4	68 0	21 3	7 55	8 77	120	17 7	---	---	24
25	---	---	5 508	35 1	61 5	20 6	8 92	9 28	80 0	16 4	---	---	25
26	---	---	5 108	34 7	55 5	19 3	8 38	9 07	82 2	14 8 B	---	---	26
27	---	---	4 838	31 5	48 7	17 4	8 84	4 72	70 0 E	12 3 B	---	---	27
28	---	---	5 258	30 6	43 8	16 7	8 66	4 81	60 0 E	11 4 B	---	---	28
29	---	---	5 598	33 8	43 8	16 8	8 28	4 40	50 0 E	9 458	---	---	29
30	---		5 688	34 4	45 1	16 5	8 07	1 13	45 0 E	8 958	---	---	30
31	---		7 068		43 9		8 10	3 95		8 258		---	31
TOTAL	---	---	127.40	671 01	2 107.3	1 072.5	348 80	200 35	1 828.10	882 28	---	---	TOTAL
MEAN	---	---	4 11	22 4	68 0	35 8	11 2	6 46	60 9	22 0	---	---	MEAN
MAX	---	---	7 06	37 4	170	104	16 8	9 27	156	39 0	---	---	MAX
MIN	---	---	3.40	7 06	34 2	16.5	8 07	3 95	3 50	8.25	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 170 ON MAY 18
MINIMUM DAILY, 3 408 ON MAR 15
MAXIMUM INSTANTANEOUS,
180 AT 19:00 MST ON MAY 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 44 24 N
LONG 117 10 46 W
DRAINAGE AREA, 3 010 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	30 100
FEB	---	AUG	17 300
MAR	11 000	SEP	188 000
APR	58 000	OCT	88 800
MAY	183 000	NOV	---
JUN	92 700	DEC	---

TOTAL DISCHARGE, 808 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

LITTLE SMOKY RIVER NEAR GUY - STATION NO. 07EH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.778	7.558	6.188	17.88	75.7	123	45.3	10.5	9.33	71.6	14.08	14.4 B	1
2	6.828	7.148	6.178	18.28	74.3	115	48.0	10.1	9.84	66.0	17.58	13.8 B	2
3	6.648	7.148	6.188	20.38	72.8	107	48.3	9.91	10.1	62.4	21.58	13.8 B	3
4	6.538	6.848	6.158	23.88	72.7	99.5	50.6	9.64	9.38	58.4	22.08	13.4 B	4
5	6.258	6.998	6.188	27.08	84.6	92.7	53.5	9.81	8.98	56.3	21.68	13.4 B	5
6	6.258	6.808	6.038	28.7	94.5	84.5	47.8	9.42	9.14	55.8	23.58	11.4 B	6
7	6.118	6.858	6.008	31.6	102	85.8	45.6	10.1	10.8	56.8	25.08	10.8 B	7
8	5.968	6.358	6.238	29.2	96.9	203	45.5	12.3	13.8	58.5	24.88	10.0 B	8
9	6.818	6.498	6.128	30.5	85.9	388	49.8	15.8	82.1	54.4	24.58	9.788	9
10	5.768	6.448	5.908	32.3	80.8	368	53.5	18.1	128	50.8	24.08	9.788	10
11	5.788	6.598	5.938	34.6	138	282	52.6	15.2	110	47.0	23.08	9.858	11
12	6.248	6.848	6.048	36.2	187	223	47.7	14.6	110	43.8	23.58	9.938	12
13	6.348	6.708	6.108	38.1	177	184	42.4	13.0	134	40.7	23.38	10.1 B	13
14	6.388	6.708	6.218	38.4	158	181	37.9	11.8	182	37.8	23.18	10.0 B	14
15	6.448	6.688	6.388	36.3	131	141	35.8	12.0	148	36.0	22.88	10.0 B	15
16	6.568	6.788	6.328	39.4	124	134	35.1	13.3	126	35.3	22.78	10.0 B	16
17	6.598	6.788	6.538	42.1	248	111	31.7	15.1	107	38.0	22.08	10.3 B	17
18	6.658	6.838	6.658	55.5	582	89.4	27.8	17.8	91.3	41.6	21.88	10.3 B	18
19	6.638	6.828	7.028	72.8	584	83.1	24.8	18.0	81.4	41.0	21.08	9.968	19
20	6.978	6.878	7.218	78.7	486	87.5	21.5	17.9	78.6	35.4	20.78	10.2 B	20
21	6.968	6.958	7.888	77.1	375	81.2	19.8	18.5	85.6	29.7	19.68	10.3 B	21
22	6.788	6.848	8.078	72.3	328	75.1	18.7	16.5	95.8	28.58	19.38	10.4 B	22
23	6.778	6.838	10.1 B	74.4	309	68.1	18.1	14.8	209	33.68	18.48	10.3 B	23
24	6.788	6.868	11.4 B	78.1	290	61.4	17.5	15.0	204	31.38	17.38	10.3 B	24
25	6.888	6.798	12.3 B	78.4	258	57.1	18.5	14.2	187	33.68	15.98	10.2 B	25
26	7.118	6.558	14.5 B	71.6	224	53.6	15.7	14.7	140	38.28	15.58	10.3 B	26
27	7.348	6.288	15.6 B	68.2	194	49.8	15.4	12.7	122	37.78	16.58	10.7 B	27
28	7.408	6.268	15.3 B	70.4	173	48.6	14.0	11.8	105	29.38	16.28	10.8 B	28
29	7.338	6.218	17.7 B	71.8	157	42.5	13.0	10.3	91.8	22.28	14.68	10.4 B	29
30	7.068		16.8 B	74.7	142	43.6	12.0	8.73	80.0	18.78	14.08	10.0 B	30
31	7.838		17.9 B		131		11.2	9.44		15.28		10.5 B	31
TOTAL	204.63	195.84	282.04	1 482.0	6 188.3	3 774.0	1 067.3	407.95	2 733.18	1 299.3	609.6	332.78	TOTAL
MEAN	6.60	6.75	9.10	49.7	200	126	33.6	13.2	91.1	41.9	20.3	10.7	MEAN
MAX	7.83	7.55	19.5	78.1	584	388	68.3	18.0	209	71.6	25.0	14.4	MAX
MIN	5.78	6.21	5.90	17.8	72.7	43.5	11.2	9.42	8.98	15.2	14.0	9.78	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.7
MAXIMUM DAILY, 584 ON MAY 19
MINIMUM DAILY, 5.768 ON JAN 10
MAXIMUM INSTANTANEOUS,
681 AT 15:30 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 27 25 N
LONG 117 09 40 W
DRAINAGE AREA, 11 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 700	JUL	90 500
FEB	16 900	AUG	35 200
MAR	24 400	SEP	236 000
APR	126 000	OCT	112 000
MAY	536 000	NOV	52 700
JUN	326 000	DEC	28 800

TOTAL DISCHARGE, 1 500 000 dam³

LLOYD CREEK NEAR BLUFFTON - STATION NO. 05CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1018	2.71	0.245	0.713	0.108	0.006	0	0.443	0.2428	---	1
2	---	---	0.1028	2.33	0.234	0.643	0.084	0.007	0	0.409	0.2468	---	2
3	---	---	0.1038	1.78	0.288	0.483	0.077	0.007	0	0.704	0.2488	---	3
4	---	---	0.1048	1.40	0.788	0.298	0.088	0.007	0	0.448	0.2548	---	4
5	---	---	0.1058	1.19	1.84	0.236	0.188	0.008	0	0.587	0.2568	---	5
6	---	---	0.1068	1.04	1.88	0.255	0.053	0.017	0.028	0.373	---	---	6
7	---	---	0.1088	0.909	1.84	0.522	0.041	0.013	0.330	0.297	---	---	7
8	---	---	0.1088	0.788	1.43	1.21	0.038	0.010	0.650	0.178	---	---	8
9	---	---	0.1078	0.658	1.18	2.62	0.038	0.008	0.828	0.158	---	---	9
10	---	---	0.1078	0.588	0.918	2.97	0.033	0.007	0.772	0.220	---	---	10
11	---	---	0.1078	0.506	0.866	2.82	0.029	0.007	0.586	0.230	---	---	11
12	---	---	0.1088	0.417	0.526	1.65	0.030	0.018	0.460	0.204	---	---	12
13	---	---	0.1088	0.384	0.438	0.930	0.028	0.053	0.381	0.184	---	---	13
14	---	---	0.1098	0.351	0.344	0.802	0.028	0.081	0.314	0.200	---	---	14
15	---	---	0.1098	0.338	0.385	0.470	0.017	0.084	0.340	0.223	---	---	15
16	---	---	0.1098	0.358	1.02	0.601	0.013	0.077	0.283	0.213	---	---	16
17	---	---	0.1098	0.374	1.88	1.15	0.011	0.078	0.206	0.230	---	---	17
18	---	---	0.1108	0.369	1.82	0.983	0.010	0.083	0.138	0.3108	---	---	18
19	---	---	0.1108	0.378	1.43	0.776	0.008	0.095	0.157	0.3028	---	---	19
20	---	---	0.1108	0.363	0.971	0.606	0.011	0.100	0.308	0.2988	---	---	20
21	---	---	0.1118	0.351	0.711	0.523	0.011	0.081	1.18	0.2978	---	---	21
22	---	---	0.1258	0.340	0.516	0.393	0.010	0.008	1.89	0.2918	---	---	22
23	---	---	0.1458	0.343	0.443	0.284	0.008	0.155	2.11	0.2868	---	---	23
24	---	---	0.2508	0.328	0.467	0.227	0.008	0.151	2.08	0.2798	---	---	24
25	---	---	0.6108	0.289	0.655	0.218	0.004	0.108	1.78	0.2808	---	---	25
26	---	---	0.8198	0.287	0.718	0.222	0.004	0.062	1.44	0.2758	---	---	26
27	---	---	0.8858	0.278	0.691	0.214	0.004	0.007	0.788	0.2698	---	---	27
28	---	---	1.61	0.317	0.613	0.180	0.008	0	0.597	0.2658	---	---	28
29	---	---	2.08	0.318	0.604	0.145	0.005	0	0.478	0.2598	---	---	29
30	---	---	2.47	0.277	0.303	0.118	0.008	0	0.418	0.2548	---	---	30
31	---	---	2.78		0.383		0.007	0		0.2498		---	31
TOTAL	---	---	14.361	20.320	25.674	22.614	0.858	1.320	18.277	8.174	---	---	TOTAL
MEAN	---	---	0.463	0.677	0.828	0.754	0.031	0.043	0.609	0.264	---	---	MEAN
MAX	---	---	2.78	2.71	1.82	2.97	0.188	0.155	2.11	0.704	---	---	MAX
MIN	---	---	0.101	0.277	0.234	0.118	0.004	0	0	0.158	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 2.97 ON JUN 10
MINIMUM DAILY, 0 ON AUG 26
MAXIMUM INSTANTANEOUS,
3.48 AT 08:43 MST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 44 20 N
LONG 114 03 50 W
DRAINAGE AREA, 341 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.9
FEB	---	AUG	114
MAR	1 240	SEP	1 580
APR	1 700	OCT	793
MAY	2 220	NOV	---
JUN	1 950	DEC	---

TOTAL DISCHARGE, 9 740 dam³

LOBSTICK RIVER NEAR STYAL - STATION NO 07EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 538	2 808	1 76 8	3 608	1 84	9 02	4 39	1 11	0 642	3 02	3 608	3 238	1
2	2 648	2 858	1 70 8	3 528	1 82	7 66	3 80	1 05	0 301	2 89	3 708	3 288	2
3	2 858	2 908	1 83 8	3 728	2 63	5 68	3 50	1 10	0 622	2 86	3 708	3 328	3
4	2 858	2 908	1 56 8	4 388	6 73	5 59	2 76	1 19	0 723	2 85	3 658	3 408	4
5	2 958	2 908	1 50 8	3 228	5 72	5 26	2 48	1 10	0 382	2 79	3 608	3 448	5
6	2 848	2 808	1 45 8	2 31	4 78	5 32	2 51	1 03	0 506	2 78	3 558	3 528	6
7	2 848	2 908	1 40 8	2 37	4 64	6 27	2 92	1 03	1 28	2 78	3 528	3 538	7
8	2 818	2 908	1 35 8	2 33	4 38	5 06	3 15	1 14	1 58	2 74	3 508	3 508	8
9	2 718	2 908	1 30 8	2 28	4 45	5 20	2 68	1 14	1 03	2 69	3 488	3 208	9
10	2 658	2 808	1 20 8	2 14	4 76	6 93	2 33	0 870	1 04	2 65	3 458	2 808	10
11	2 808	2 508	1 10 8	2 12	5 06	6 39	2 05	0 776	1 25	2 72	3 428	2 608	11
12	2 408	1 908	1 06 8	2 12	4 41	6 02	1 85	0 782	1 46	2 98	3 408	2 508	12
13	2 358	1 908	1 03 8	2 07	4 38	6 61	1 95	0 870	1 80	2 85	3 388	2 408	13
14	2 308	1 908	1 00 8	2 04	4 07	6 41	2 38	0 910	1 76	3 28	3 388	2 358	14
15	2 258	1 908	0 9808	1 98	4 20	7 43	2 28	1 08	1 62	4 09	3 408	2 308	15
16	2 208	1 908	0 9508	2 10	6 01	7 04	1 96	0 876	1 42	3 44	3 428	2 258	16
17	2 208	1 908	0 9508	2 35	8 48	8 76	1 74	0 870	1 37	3 308	3 448	2 228	17
18	2 208	1 908	0 9838	2 30	8 10	8 05	1 83	0 810	1 33	3 208	3 488	2 188	18
19	2 208	2 108	1 04 8	2 23	6 93	6 88	1 92	0 793	1 31	3 108	3 488	2 168	19
20	2 208	2 208	1 41 8	2 41	7 03	5 61	1 84	0 853	1 82	3 058	3 508	2 148	20
21	2 208	2 308	2 46 8	2 32	6 16	5 14	1 88	1 07	3 47	3 028	3 508	2 128	21
22	2 208	2 158	3 36 8	2 56	7 59	4 85	2 16	0 906	4 47	3 008	3 708	2 108	22
23	2 208	2 008	4 88 8	2 56	6 40	4 60	1 85	0 737	4 02	2 988	3 758	2 108	23
24	2 208	1 958	7 91 8	2 87	6 62	4 34	1 41	0 752	3 78	2 888	3 658	2 108	24
25	2 208	1 908	7 26 8	2 70	6 53	4 37	1 36	0 783	3 78	2 908	3 378	2 108	25
26	2 208	1 908	4 62 8	2 19	6 23	4 29	1 27	0 685	3 74	2 708	3 308	2 108	26
27	2 208	1 848	3 89 8	2 16	6 11	3 87	1 19	0 702	3 48	2 658	3 258	2 108	27
28	2 208	1 838	4 06 8	2 06	6 10	3 75	1 24	0 689	3 30	2 708	3 228	2 108	28
29	2 208	1 808	4 31 8	2 00	5 77	3 62	1 29	0 689	3 26	2 658	3 218	2 108	29
30	2 338		4 39 8	1 87	5 63	4 30	1 25	1 14	3 14	3 058	3 208	2 108	30
31	2 558		3 92 8		5 42		1 22	0 976		3 148		2 108	31
TOTAL	75 30	58 51	78 443	74 69	171 73	186 93	65 93	28 983	59 498	92 03	104 28	79 48	TOTAL
MEAN	2 43	2 29	2 53	2 50	5 54	6 23	2 13	0 925	1 98	2 97	3 48	2 56	MEAN
MAX	2 95	2 90	7 91	4 38	8 48	9 20	4 39	1 19	4 47	4 09	3 75	3 53	MAX
MIN	2 20	1 80	0 950	1 87	1 62	3 62	1 19	0 665	0 301	2 85	3 20	2 10	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2 55
MAXIMUM DAILY 9 20 ON JUN 9
MINIMUM DAILY 0 301 ON SEP 2
MAXIMUM INSTANTANEOUS
10 3 AT 22 05 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 45 N
LONG 115 06 20 W
DRAINAGE AREA 1 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 510	JUL	5 700
FEB	5 750	AUG	2 480
MAR	6 740	SEP	5 140
APR	6 470	OCT	7 850
MAY	14 800	NOV	9 010
JUN	16 200	DEC	6 870

TOTAL DISCHARGE 93 700 dam³

LODGE CREEK AT HIGHWAY NO 41 - STATION NO 11AB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 1008	0 021	0 010	0	0	0	0	---	---	1
2	---	---	---	0 1608	0 022	0 010	0	0	0	0	---	---	2
3	---	---	---	0 2008	0 023	0 009	0	0	0	0	---	---	3
4	---	---	---	0 3008	0 023	0 009	0	0	0	0	---	---	4
5	---	---	---	0 4508	0 023	0 009	0	0	0	0	---	---	5
6	---	---	---	0 6008	0 023	0 008	0	0	0	0	---	---	6
7	---	---	---	0 511	0 021	0 007	0	0	0	0	---	---	7
8	---	---	---	0 463	0 019	0 006	0	0	0	0	---	---	8
9	---	---	---	0 504	0 016	0 007	0	0	0	0	---	---	9
10	---	---	---	0 517	0 014	0 007	0	0	0	0	---	---	10
11	---	---	---	0 403	0 012	0 007	0	0	0	0	---	---	11
12	---	---	---	0 294	0 011	0 006	0	0	0	0	---	---	12
13	---	---	---	0 228	0 011	0 006	0	0	0	0	---	---	13
14	---	---	---	0 213	0 018	0 005	0	0	0	0	---	---	14
15	---	---	---	0 235	0 020	0 005	0	0	0	0	---	---	15
16	---	---	---	0 316	0 016	0 005	0	0	0	0	---	---	16
17	---	---	---	0 376	0 013	0 006	0	0	0	0	---	---	17
18	---	---	---	0 345	0 011	0 005	0	0	0	0	---	---	18
19	---	---	---	0 317	0 011	0 006	0	0	0	0	---	---	19
20	---	---	---	0 293	0 011	0 006	0	0	0	0	---	---	20
21	---	---	---	0 184	0 010	0 005	0	0	0	0	---	---	21
22	---	---	---	0 141	0 010	0 005	0	0	0	0	---	---	22
23	---	---	---	0 098	0 010	0 005	0	0	0	0	---	---	23
24	---	---	---	0 065	0 010	0 005	0	0	0	0	---	---	24
25	---	---	---	0 035	0 010	0 001	0	0	0	0	---	---	25
26	---	---	---	0 028	0 010	0	0	0	0	0	---	---	26
27	---	---	---	0 025	0 011	0	0	0	0	0	---	---	27
28	---	---	---	0 023	0 010	0	0	0	0	0	---	---	28
29	---	---	---	0 021	0 010	0	0	0	0	0	---	---	29
30	---	---	---	0 020	0 011	0	0	0	0	0	---	---	30
31	---	---	---		0 011		0	0		0		---	31
TOTAL	---	---	---	7 421	0 453	0 180	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	0 247	0 015	0 005	0	0	0	0	---	---	MEAN
MAX	---	---	---	0 600	0 023	0 010	0	0	0	0	---	---	MAX
MIN	---	---	---	0 020	0 010	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 003
MAXIMUM DAILY 0 023 ON MAY 3
MINIMUM DAILY 0 ON JUN 28

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 10 N
LONG 110 15 20 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	641	OCT	0
MAY	39 1	NOV	---
JUN	13 8	DEC	---

TOTAL DISCHARGE 52 9 dam³

LOGAN RIVER NEAR THE MOUTH - STATION NO 07CA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 440B	0 750B	1 11	3 31	1 73	1 05	0 700E	1 25E	1 35B	---	1
2	---	---	0 435B	0 860B	1 07	4 51	1 75	0 998A	0 750E	1 23A	1 30B	---	2
3	---	---	0 430B	0 950B	1 08	5 57	1 71	0 992E	0 840E	1 35E	1 26B	---	3
4	---	---	0 421B	1 15 B	1 08	6 47	1 63	0 980E	0 920E	1 35E	1 27B	---	4
5	---	---	0 415B	1 30 B	1 10	7 49	1 53	0 976E	1 03 E	1 31E	1 25B	---	5
6	---	---	0 413B	1 41 B	0 981	7 85	1 50	0 960E	1 25 E	1 29E	1 24B	---	6
7	---	---	0 410B	1 55 B	0 947	7 94	2 12	0 985E	1 50 E	1 28E	---	---	7
8	---	---	0 409B	1 46 B	0 941	7 45	3 66	1 01 E	2 00 E	1 22E	---	---	8
9	---	---	0 405B	1 73 B	0 953	6 47	4 78	1 01 E	2 15 E	1 21E	---	---	9
10	---	---	0 400B	1 83 B	0 981	5 44	5 40	1 00 E	2 11 E	1 21E	---	---	10
11	---	---	0 397B	1 90 B	1 00	4 60	5 78	0 930E	2 09 E	1 21E	---	---	11
12	---	---	0 394B	1 82 B	0 998	3 90	5 44	0 930E	1 98 E	1 21E	---	---	12
13	---	---	0 392B	1 74 B	1 00	3 59	4 78	0 915E	1 88 E	1 21E	---	---	13
14	---	---	0 385B	1 82 B	0 988	3 38	4 13	0 910E	1 74 E	1 25E	---	---	14
15	---	---	0 380B	1 89	0 965	3 13	3 88	0 902E	1 71 E	1 29E	---	---	15
16	---	---	0 375B	2 00	0 898	2 91	3 34	0 895E	1 69 E	1 35E	---	---	16
17	---	---	0 370B	2 06	1 15	2 76	3 11	0 875E	1 62 E	1 39E	---	---	17
18	---	---	0 375B	2 47	1 59	2 52	2 88	0 855E	1 59 E	1 50E	---	---	18
19	---	---	0 380B	2 01	2 00	2 35	2 65	0 835E	1 52 E	1 60E	---	---	19
20	---	---	0 385B	1 85	2 63	2 33	2 41	0 815E	1 50 E	2 38E	---	---	20
21	---	---	0 395B	1 84	3 78	2 47	2 28	0 815E	1 48 E	2 30E	---	---	21
22	---	---	0 415B	1 89	4 55	2 48	2 14	0 805E	1 42 E	2 15B	---	---	22
23	---	---	0 432B	1 83	4 78	2 39	2 02	0 800E	1 37 E	1 95B	---	---	23
24	---	---	0 450B	1 57	4 88	2 18	1 86	0 775E	1 35 E	1 85B	---	---	24
25	---	---	0 459B	1 49	4 78	1 89	1 73	0 755E	1 35 E	1 72B	---	---	25
26	---	---	0 459B	1 38	4 38	1 89	1 62	0 740E	1 35 E	1 68B	---	---	26
27	---	---	0 457B	1 28	3 85	1 78	1 51	0 730E	1 31 E	1 60B	---	---	27
28	---	---	0 455B	1 24	3 52	1 73	1 40	0 705A	1 30 E	1 52B	---	---	28
29	---	---	0 475B	1 25	3 28	1 72	1 31	0 705E	1 28 E	1 45B	---	---	29
30	---		0 510B	1 17	3 04	1 66	1 18	0 705E	1 23 E	1 41B	---	---	30
31	---		0 550B		2 94		1 11	0 700E		1 39B	---	---	31
TOTAL	---	---	13 188	48 810	87 433	114 27	82 22	27 125	44 010	48 34	---	---	TOTAL
MEAN	---	---	0 425	1 86	2 18	3 81	2 65	0 875	1 47	1 49	---	---	MEAN
MAX	---	---	0 550	2 47	4 88	7 94	5 78	1 05	2 15	2 38	---	---	MAX
MIN	---	---	0 370	0 750	0 981	1 88	1 11	0 700	0 700	1 21	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7 94 ON JUN 7

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 44 N
LONG 111 43 42 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 100
FEB	---	AUG	2 340
MAR	1 140	SEP	3 800
APR	4 040	OCT	4 000
MAY	5 830	NOV	---
JUN	9 870	DEC	---

LONGND LATERAL NEAR HEADGATE - STATION NO 05AC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	8 96	10 8	7 71	0 774	0 865	---	---	1
2	---	---	---	0	0	10 1	10 4	7 16	0 682	0 899	---	---	2
3	---	---	---	0	0	10 3	10 8	6 59	0 810	0 908	---	---	3
4	---	---	---	0	0	10 2	11 6	5 78	0 916	0 878	---	---	4
5	---	---	---	0	0	10 1	12 9	6 12	0 845	0 421	---	---	5
6	---	---	---	0	0	9 90	13 0	6 12	0 488	0 081	---	---	6
7	---	---	---	0	0 058	9 25	13 0	5 75	0 577	0	---	---	7
8	---	---	---	0	0 266	8 57	13 0	5 37	0 443	0	---	---	8
9	---	---	---	0	0 207	7 88	12 9	5 48	0 531	0	---	---	9
10	---	---	---	0	0 173	7 57	13 0	5 59	0 555	0	---	---	10
11	---	---	---	0	0 219	8 72	12 8	5 78	0 710	0	---	---	11
12	---	---	---	0	0 245	8 02	13 6	5 85	0 805	0	---	---	12
13	---	---	---	0	0 219	8 51	14 7	5 71	0 649	0	---	---	13
14	---	---	---	0	1 05	7 85	15 1	5 34	0 682	0	---	---	14
15	---	---	---	0	1 91	8 64	15 3	5 03	0 761	0	---	---	15
16	---	---	---	0	2 29	8 61	15 5	4 80	0 801	0	---	---	16
17	---	---	---	0	2 33	8 41	16 1	4 10	0 822	0	---	---	17
18	---	---	---	0	2 52	8 64	16 1	4 04	0 846	0	---	---	18
19	---	---	---	0	2 83	9 30	15 8	4 34	0 847	0	---	---	19
20	---	---	---	0	3 15	10 8	15 8	4 25	0 841	0	---	---	20
21	---	---	---	0	3 18	11 1	16 3	3 89	0 843	0	---	---	21
22	---	---	---	0	3 76	9 61	16 3	3 20	0 844	0	---	---	22
23	---	---	---	0	4 31	8 83	15 0	3 01	0 848	0	---	---	23
24	---	---	---	0	4 67	8 67	12 3	3 11	0 837	0	---	---	24
25	---	---	---	0	5 24	8 82	12 3	3 25	0 831	0	---	---	25
26	---	---	---	0	5 78	8 95	12 3	3 82	0 840	0	---	---	26
27	---	---	0	0	5 86	8 65	12 3	3 67	0 703	0	---	---	27
28	---	---	0	0	6 30	9 13	12 2	3 80	0 825	0	---	---	28
29	---	---	0	0	5 84	9 75	12 2	4 44	0 823	0	---	---	29
30	---		0	0	7 46	9 79	11 0	4 42	0 815	0	---	---	30
31	---		0		7 84		8 28	2 85		0	---	---	31
TOTAL	---	---	---	0	78 828	287 23	412 78	149 41	22 031	4 053	---	---	TOTAL
MEAN	---	---	---	0	2 63	9 91	13 3	4 82	0 734	0 131	---	---	MEAN
MAX	---	---	---	0	7 84	11 1	16 3	7 71	0 918	0 908	---	---	MAX
MIN	---	---	---	0	0	7 02	8 28	2 85	0 443	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 08
MAXIMUM DAILY, 16 3 ON JUL 21
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 50 N
LONG 112 39 40 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 700
FEB	---	AUG	12 800
MAR	---	SEP	1 800
APR	0	OCT	350
MAY	6 780	NOV	---
JUN	23 100	DEC	---

TOTAL DISCHARGE, 80 700 dam³

LOVETT RIVER NEAR THE MOUTH - STATION NO. 07BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.641	1.08	0.983	0.411	0.368	1.04	0.4838	---	1
2	---	---	---	---	0.595	1.04	0.929	0.481	0.317	1.14	---	---	2
3	---	---	---	---	0.575	1.01	0.871	0.498	0.523	1.32	---	---	3
4	---	---	---	---	0.549	1.01	0.916	0.526	0.880	1.47	---	---	4
5	---	---	---	---	0.499	1.20	0.904	0.534	0.837	1.53	---	---	5
6	---	---	---	---	0.528	1.52	0.900	0.443	1.27	1.32	---	---	6
7	---	---	---	---	0.581	1.48	0.815	0.425	1.78	1.27	---	---	7
8	---	---	---	---	0.635	2.55	0.758	0.383	1.28	1.25	---	---	8
9	---	---	---	---	0.755	2.51	0.712	0.315	1.17	1.18	---	---	9
10	---	---	---	---	0.747	2.08	0.679	0.285	1.16	1.13	---	---	10
11	---	---	---	---	0.730	1.83	0.685	0.394	1.08	1.02	---	---	11
12	---	---	---	---	0.718	1.92	0.673	0.343	1.05	0.988	---	---	12
13	---	---	---	---	0.758	2.19	0.784	0.328	0.949	0.972	---	---	13
14	---	---	---	---	0.833	2.00	0.713	0.375	0.875	0.931	---	---	14
15	---	---	---	---	0.923	1.94	0.844	0.822	0.732	0.871	---	---	15
16	---	---	---	---	1.32	1.89	0.618	0.411	0.878	0.829	---	---	16
17	---	---	---	---	2.03	1.88	0.570	0.282	0.808	0.897	---	---	17
18	---	---	---	---	2.05	1.79	0.596	0.318	0.580	0.882	---	---	18
19	---	---	---	---	1.85	1.88	0.541	0.338	0.584	0.803	---	---	19
20	---	---	---	---	1.49	1.77	0.581	0.387	0.717	0.854	---	---	20
21	---	---	---	---	1.34	1.81	0.583	0.349	1.09	0.907	---	---	21
22	---	---	---	---	1.26	1.56	0.843	0.288	1.08	0.870	---	---	22
23	---	---	---	---	1.23	1.48	0.541	0.445	1.01	0.837	---	---	23
24	---	---	---	---	1.19	1.32	0.488	0.510	0.925	0.802	---	---	24
25	---	---	---	0.532A	1.14	1.23	0.391	0.312	0.802	0.835	---	---	25
26	---	---	---	0.439	1.11	1.14	0.405	0.288	0.748	0.7318	---	---	26
27	---	---	---	0.371	1.12	1.10	0.439	0.295	0.787	0.6188	---	---	27
28	---	---	---	0.357	1.08	1.07	0.578	0.345	0.788	0.5388	---	---	28
29	---	---	---	0.388	1.03	1.07	0.880	0.375	0.742	0.5078	---	---	29
30	---	---	---	0.524	1.02	1.04	0.370	0.400	0.780	0.4998	---	---	30
31	---	---	---		1.05		0.424	0.387		0.4928		---	31
TOTAL	---	---	---	---	31.197	47.15	20.368	12.157	25.745	28.818	---	---	TOTAL
MEAN	---	---	---	---	1.01	1.57	0.657	0.392	0.858	0.933	---	---	MEAN
MAX	---	---	---	---	2.05	2.55	0.983	0.634	1.78	1.53	---	---	MAX
MIN	---	---	---	---	0.499	1.01	0.370	0.288	0.317	0.492	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.900
MAXIMUM DAILY, 2.55 ON JUN 8
MINIMUM DAILY, 0.288 ON AUG 26
MAXIMUM INSTANTANEOUS,
2.87 AT 17 00 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 59 50 N
LONG 116 38 20 W
DRAINAGE AREA, 101 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 780
FEB	---	AUG	1 050
MAR	---	SEP	2 220
APR	---	OCT	2 500
MAY	2 700	NOV	---
JUN	4 070	DEC	---

TOTAL DISCHARGE, 14 300 dam³

LOWER KANANASKIS LAKE - STATION NO. 05BF009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1885.85	1884.24	1880.00	1854.97	1853.91	1855.61	1880.55	1882.89	1884.51	1885.12	1885.88	1886.68	1
2	1885.81	1884.18	1859.79	1854.73	1853.97	1855.70	1880.57	1883.05	1884.54	1885.15	1886.10	1886.85	2
3	1885.85	1884.09	1859.67	1854.52	1854.00	1855.80	1880.76	1883.11	1884.54	1885.18	1886.10	1886.71	3
4	1885.88	1884.03	1859.54	1854.36	1854.00	1855.89	1880.89	1883.17	1884.57	1885.18	1886.10	1886.71	4
5	1885.82	1883.93	1859.39	1854.36	1854.03	1855.98	1880.98	1883.20	1884.60	1885.18	1886.10	1886.68	5
6	1885.78	1883.87	1859.24	1854.33	1854.08	1856.13	1881.10	1883.26	1884.63	1885.21	1886.25	1886.65	6
7	1885.73	1883.78	1859.09	1854.36	1854.08	1856.25	1881.22	1883.32	1884.63	1885.24	1886.34	1886.62	7
8	1885.70	1883.68	1858.90	1854.39	1854.08	1856.44	1881.31	1883.39	1884.67	1885.24	1886.40	1886.62	8
9	1885.64	1883.57	1858.72	1854.42	1854.15	1856.59	1881.34	1883.42	1884.70	1885.27	1886.49	1886.62	9
10	1885.58	1883.42	1858.60	1854.42	1854.18	1856.74	1881.43	1883.48	1884.70	1885.27	1886.59	1886.62	10
11	1885.49	1883.26	1858.45	1854.39	1854.15	1856.86	1881.53	1883.54	1884.73	1885.31	1886.65	1886.62	11
12	1885.43	1883.11	1858.26	1854.45	1854.18	1857.01	1881.62	1883.57	1884.76	1885.31	1886.71	1886.59	12
13	1885.37	1882.93	1858.08	1854.52	1854.24	1857.23	1881.71	1883.60	1884.79	1885.31	1886.74	1886.59	13
14	1885.34	1882.74	1857.93	1854.52	1854.27	1857.44	1881.80	1883.63	1884.79	1885.34	1886.74	1886.59	14
15	1885.27	1882.59	1857.72	1854.55	1854.33	1857.69	1881.89	1883.69	1884.82	1885.34	1886.71	1886.59	15
16	1885.24	1882.38	1857.50	1854.52	1854.42	1857.93	1881.95	1883.78	1884.85	1885.37	1886.65	1886.55	16
17	1885.18	1882.20	1857.35	1854.33	1854.52	1858.14	1882.01	1883.84	1884.85	1885.37	1886.71	1886.52	17
18	1885.15	1882.01	1857.20	1854.24	1854.58	1858.29	1882.07	1883.90	1884.82	1885.40	1886.71	1886.52	18
19	1885.09	1881.83	1856.98	1854.09	1854.67	1858.48	1882.17	1883.99	1884.85	1885.43	1886.71	1886.49	19
20	1885.03	1881.68	1856.80	1854.12	1854.78	1858.63	1882.26	1884.05	1884.88	1885.43	1886.68	1886.45	20
21	1884.97	1881.56	1856.62	1854.18	1854.82	1858.81	1882.32	1884.12	1884.91	1885.46	1886.71	1886.46	21
22	1884.91	1881.40	1856.41	1854.24	1854.88	1858.97	1882.41	1884.18	1884.94	1885.46	1886.71	1886.43	22
23	1884.85	1881.22	1856.19	1854.18	1854.94	1859.12	1882.38	1884.24	1884.94	1885.49	1886.74	1886.40	23
24	1884.79	1881.10	1856.10	1854.09	1855.00	1859.27	1882.44	1884.27	1885.00	1885.49	1886.74	1886.40	24
25	1884.73	1880.92	1856.01	1853.97	1854.97	1859.39	1882.50	1884.30	1885.00	1885.49	1886.71	1886.37	25
26	1884.67	1880.78	1855.88	1853.91	1855.00	1859.58	1882.59	1884.33	1885.03	1885.52	1886.71	1886.37	26
27	1884.67	1880.55	1855.70	1853.94	1855.06	1859.78	1882.68	1884.36	1885.06	1885.55	1886.74	1886.34	27
28	1884.61	1880.37	1855.55	1853.97	1855.12	1859.97	1882.74	1884.39	1885.09	1885.55	1886.77	1886.31	28
29	1884.42	1880.18	1855.40	1853.97	1855.19	1860.18	1882.81	1884.42	1885.12	1885.64	1886.74	1886.31	29
30	1884.36		1855.25	1853.94	1855.31	1860.40	1882.87	1884.48	1885.12	1885.82	1886.71	1886.34	30
31	1884.30		1855.12		1855.49		1882.93	1884.51		1885.91		1886.34	31
MEAN	1885.21	1882.47	1857.53	1854.30	1854.53	1857.81	1881.87	1883.79	1884.81	1885.39	1886.58	1886.52	MEAN
MAX	1885.85	1884.24	1860.00	1854.97	1855.49	1860.40	1882.93	1884.51	1885.12	1885.91	1886.77	1886.71	MAX
MIN	1884.30	1880.18	1855.12	1853.91	1853.91	1855.61	1880.55	1882.89	1884.51	1885.12	1886.68	1886.31	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1881.74
MAXIMUM DAILY, 1886.77 ON NOV 28
MINIMUM DAILY, 1853.91 ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 20 N
LONG 115 07 30 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
359 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LOYALIST CREEK NEAR CONSORT - STATION NO. 05GA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0	0.003	0	0.004	OE	---	1
2	---	---	---	---	---	---	0	0.002	0	0.004	OE	---	2
3	---	---	---	---	---	---	0	0.002	0	0.004	OE	---	3
4	---	---	---	---	---	---	0	0.005	0	0.003	OE	---	4
5	---	---	---	---	---	---	0	0.003	0	0.003	OA	---	5
6	---	---	---	---	---	---	0	0.002	0	0.003	---	---	6
7	---	---	---	---	---	---	0	0.014	0	0.003	---	---	7
8	---	---	---	---	---	---	0	0.004	0	0.003	---	---	8
9	---	---	---	---	---	---	0.001	0.003	0	0.003	---	---	9
10	---	---	---	---	---	---	0.001	0.002	0.001	0.003	---	---	10
11	---	---	---	---	---	---	0	0.002	0.002	0.003	---	---	11
12	---	---	---	---	---	---	0	0.001	0.812	0.003	---	---	12
13	---	---	---	---	---	---	0	0	0.489	0.003	---	---	13
14	---	---	---	---	---	---	0	0	0.389	0.003	---	---	14
15	---	---	---	---	---	---	0	0	0.259	0.003	---	---	15
16	---	---	---	---	---	---	0	0	0.202	0.004	---	---	16
17	---	---	---	---	---	---	0	0	0.093	0.018	---	---	17
18	---	---	---	---	---	---	0	0	0.017	0.027	---	---	18
19	---	---	---	---	---	---	0	0.001	0.002	0.079	---	---	19
20	---	---	---	---	---	---	0	0.005	0.009	0.034	---	---	20
21	---	---	---	---	---	---	0	0.002	0.455	0.007	---	---	21
22	---	---	---	---	---	---	0	0.002	0.318	0.005	---	---	22
23	---	---	---	---	---	---	0	0.001	0.085	0.003	---	---	23
24	---	---	---	---	---	---	0	0.001	0.016	0.001	---	---	24
25	---	---	---	---	---	---	0	0	0.007	0.001	---	---	25
26	---	---	---	---	---	---	0	0	0.006	0.001	---	---	26
27	---	---	---	---	---	0A	0	0	0.006	0 E	---	---	27
28	---	---	---	---	---	0	0	0	0.005	0 E	---	---	28
29	---	---	---	---	---	0	0	0	0.004	0 E	---	---	29
30	---		---	---	---	0	0.002	0	0.005	0 E	---	---	30
31	---		---		---		0.004	0		0 E		---	31
TOTAL	---	---	---	---	---	---	0.008	0.055	3.152	0.228	---	---	TOTAL
MEAN	---	---	---	---	---	---	0	0.002	0.105	0.007	---	---	MEAN
MAX	---	---	---	---	---	---	0.004	0.014	0.812	0.079	---	---	MAX
MIN	---	---	---	---	---	---	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0A ON JUN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 04 N
LONG 110 46 54 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.69
FEB	---	AUG	4.75
MAR	---	SEP	272
APR	---	OCT	19.7
MAY	---	NOV	---
JUN	---	DEC	---

LUTOSE CREEK NEAR STEEN RIVER - STATION NO. 07OB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0038	0.030	0.041	0.791	0.313	0.201	0.230	---	---	1
2	---	---	0 B	0.0078	0.026	0.048	0.857	0.295	0.215	0.252	---	---	2
3	---	---	0 B	0.0118	0.017	0.033	0.862	0.264	0.221	0.264	---	---	3
4	---	---	0 B	0.0198	0.019	0.038	0.915	0.220	0.238	0.258	---	---	4
5	---	---	0 B	0.0268	0.023	0.042	0.988	0.176	0.269	0.270	---	---	5
6	---	---	0 B	0.0378	0.015	0.048	0.988	0.212	0.282	0.275	---	---	6
7	---	---	0 B	0.0508	0.011	0.049	0.993	0.216	0.305	0.270	---	---	7
8	---	---	0 B	0.0728	0.006	0.054	0.960	0.223	0.333	0.275	---	---	8
9	---	---	0 B	0.1338	0.003	0.063	0.945	0.234	0.340	0.313	---	---	9
10	---	---	0 B	0.1048	0.007	0.070	0.905	0.211	0.314	0.355	---	---	10
11	---	---	0 B	0.0658	0.017	0.088	0.862	0.177	0.287	0.381	---	---	11
12	---	---	0 B	0.0478	0.008	0.100	0.799	0.171	0.267	0.382	---	---	12
13	---	---	0 B	0.0378	0.001	0.109	0.812	0.188	0.247	0.385	---	---	13
14	---	---	0 B	0.0348	0.004	0.128	0.808	0.153	0.228	0.347	---	---	14
15	---	---	0 B	0.0528	0.009	0.138	0.770	0.152	0.231	0.332	---	---	15
16	---	---	0 B	0.0588	0.009	0.154	0.712	0.147	0.241	0.382	---	---	16
17	---	---	0 B	0.0448	0.015	0.175	0.652	0.143	0.258	0.3388	---	---	17
18	---	---	0 B	0.0328	0.018	0.198	0.683	0.146	0.267	0.3208	---	---	18
19	---	---	0 B	0.0248	0.018	0.218	0.636	0.143	0.255	0.3208	---	---	19
20	---	---	0.0028 B	0.0288	0.018	0.251	0.683	0.138	0.282	0.3238	---	---	20
21	---	---	0 B	0.0308	0.015	0.263	0.672	0.138	0.253	0.3258	---	---	21
22	---	---	0 B	0.0368	0.013	0.289	0.630	0.120	0.241	0.3188	---	---	22
23	---	---	0 B	0.0398	0.012	0.302	0.598	0.110	0.231	0.2988	---	---	23
24	---	---	0 B	0.0458	0.011	0.331	0.598	0.110	0.240	0.2888	---	---	24
25	---	---	0 B	0.0498	0.018	0.345	0.525	0.110	0.235	0.2848	---	---	25
26	---	---	0 B	0.0458	0.019	0.370	0.473	0.103	0.228	0.2828	---	---	26
27	---	---	0 B	0.042	0.021	0.401	0.429	0.096	0.221	0.2718	---	---	27
28	---	---	0 B	0.043	0.021	0.437	0.383	0.103	0.227	0.2808	---	---	28
29	---	---	0 B	0.039	0.022	0.453	0.347	0.145	0.226	0.2498	---	---	29
30	---		0 B	0.034	0.017	0.521	0.313	0.154	0.227	0.2428	---	---	30
31	---		0.0018 B		0.032		0.288	0.179		0.2378		---	31
TOTAL	---	---	0.003	1.286	0.473	5.854	21.926	5.268	7.578	8.283	---	---	TOTAL
MEAN	---	---	0	0.043	0.015	0.195	0.707	0.170	0.253	0.269	---	---	MEAN
MAX	---	---	0.002	0.133	0.032	0.521	0.993	0.313	0.340	0.391	---	---	MAX
MIN	---	---	0	0.003	0.001	0.033	0.288	0.096	0.201	0.230	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.211
MAXIMUM DAILY, 0.993 ON JUL 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.14 AT 11:30 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 20 N
LONG 117 15 42 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 890
FEB	---	AUG	455
MAR	0.26	SEP	655
APR	111	OCT	802
MAY	46.9	NOV	---
JUN	508	DEC	---

TOTAL DISCHARGE, 4 480 dam³

MACKAY CREEK AT WALSH - STATION NO 05AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0018 B	0 B	0.021	0.017	0.001	0	0	0	0	---	---	1
2	---	0 B	0 B	0.021	0.016	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.021	0.014	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0.020	0.012	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0.019	0.011	0	0	0	0				5
										0	---	---	
6	---	0 B	0 B	0.017	0.010	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0.034	0.009	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0.052	0.017	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0.060	0.018	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0.051	0.013	0	0	0	0	0	---	---	10
										0	---	---	
11	---	0 B	0 B	0.042	0.010	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0.050	0.007	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0.069	0.006	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0.052	0.005	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0.038	0.004	0	0	0	0	0	---	---	15
										0	---	---	
16	---	0 B	0 B	0.031	0.004	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0.027	0.004	0	0	0	0	0	---	---	17
18	---	0 B	0 B	0.024	0.003	0	0	0	0	0	---	---	18
19	---	0 B	0 B	0.038	0.003	0	0	0	0	0	---	---	19
20	---	0 B	0 B	0.076	0.002	0	0	0	0	0	---	---	20
										0	---	---	
21	---	0 B	0 B	0.057	0.002	0	0	0	0	0	---	---	21
22	---	0 B	0 B	0.056	0.002	0	0	0	0	0	---	---	22
23	---	0 B	0 B	0.048	0.001	0	0	0	0	0	---	---	23
24	---	0 B	0 0028	0.037	0.001	0	0	0	0	0	---	---	24
25	---	0 B	0 0118	0.038	0.001	0	0	0	0	0	---	---	25
										0	---	---	
26	---	0 B	0 0778	0.034	0	0	0	0	0	0	---	---	26
27	---	0 B	0 0888	0.028	0	0	0	0	0	0	---	---	27
28	---	0 B	0 0658	0.023	0	0	0	0	0	0	---	---	28
29	---	0 B	0 0588	0.021	0.001	0	0	0	0	0	---	---	29
30	0.0088		0 035	0.018	0.002	0	0	0		0A		---	30
31	0.0048		0 025		0.002		0	0					31
										0	---	---	
TOTAL	---	0.001	0 340	1.209	0.195	0.001	0	0	0				TOTAL
										0	---	---	
MEAN	---	0	0 011	0.040	0.006	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0 077	0.090	0.017	0.001	0	0	0	0	---	---	MAX
MIN	---	0	0	0.017	0	0	0	0	0				MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 007
MAXIMUM DAILY, 0 090 ON APR 12
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 098 AT 20 11 MST ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 30 N
LONG 110 02 40 W
DRAINAGE AREA, 636 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0 09	AUG	0
MAR	29 4	SEP	0
APR	104	OCT	0
MAY	16 8	NOV	---
JUN	0 09	DEC	---

TOTAL DISCHARGE, 160 dam³

MACKAY CREEK NEAR CRASBURN GAP - STATION NO 05AH042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0068	0 0188	0 080	0 026	0	0	0	0	0	---	---	1
2	---	0 0018	0 0238	0 088	0 021	0	0	0	0	0	---	---	2
3	---	0 0018	0 0218	0 110	0 021	0	0	0	0	0	---	---	3
4	---	0 B	0 0188	0 186	0 048	0	0	0	0	0	---	---	4
5	---	0 0028	0 0118	0 187	0 184	0	0	0	0				5
										0	---	---	
6	---	0 0068	0 0088	0 183	0 188	0	0	0	0	0	---	---	6
7	---	0 0188	0 0068	0 177	0 105	0	0	0	0	0	---	---	7
8	---	0 0188	0 0048	0 180	0 082	0	0	0	0	0	---	---	8
9	---	0 0268	0 0058	0 220	0 048	0	0	0	0	0	---	---	9
10	---	0 0348	0 0038	0 206	0 028	0	0	0	0	0	---	---	10
										0	---	---	
11	---	0 0388	0 0038	0 161	0 022	0	0	0	0	0	---	---	11
12	---	0 0328	0 0078	0 088	0 006	0	0	0	0	0	---	---	12
13	---	0 0188	0 0028	0 063	0	0	0	0	0	0	---	---	13
14	---	0 0228	0 0078	0 053	0	0	0	0	0	0	---	---	14
15	---	0 0318	0 0068	0 076	0 009	0	0	0	0	0	---	---	15
										0	---	---	
16	---	0 0228	0 0118	0 161	0 036	0	0	0	0	0	---	---	16
17	---	0 0178	0 0098	0 188	0 018	0	0	0	0	0	---	---	17
18	---	0 0188	0 0248	0 162	0 002	0	0	0	0	0	---	---	18
19	---	0 0158	0 1008	0 114	0	0	0	0	0	0	---	---	19
20	---	0 0258	0 1318	0 089	0	0	0	0	0	0	---	---	20
										0	---	---	
21	---	0 0688	0 1228	0 068	0	0	0	0	0	0	---	---	21
22	---	0 0728	0 1268	0 059	0	0	0	0	0	0	---	---	22
23	---	0 0678	0 2378	0 076	0	0	0	0	0	0	---	---	23
24	---	0 0338	0 334	0 054	0	0	0	0	0	0	---	---	24
25	---	0 0248	0 218	0 061	0	0	0	0	0	0	---	---	25
										0	---	---	
26	---	0 0188	0 136	0 078	0	0	0	0	0	0	---	---	26
27	---	0 0188	0 098	0 060	0	0	0	0	0	0	---	---	27
28	---	0 0188	0 080	0 041	0	0	0	0	0	0	---	---	28
29	---	0 0108	0 104	0 034	0	0	0	0	0	0	---	---	29
30	---		0 092	0 029	0		0	0	0	0A		---	30
31	---		0 070		0								31
										0	---	---	
TOTAL	---	0.867	1.927	3 188	0 798	0	0	0	0				TOTAL
										0	---	---	
MEAN	---	0.023	0 062	0 106	0 026	0	0	0	0	0	---	---	MEAN
MAX	---	0.072	0 237	0 220	0 188	0	0	0	0	0	---	---	MAX
MIN	---	0	0 002	0 029	0	0	0	0	0				MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 034
MAXIMUM DAILY, 0.2378 ON MAR 23
MINIMUM DAILY, 0 ON MAY 13
MAXIMUM INSTANTANEOUS,
0.380 AT 07:00 MST ON MAR 26

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 28 N
LONG 110 02 33 W
DRAINAGE AREA, 75.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	67 6	AUG	0
MAR	196	SEP	0
APR	273	OCT	0
MAY	68 9	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 606 dam³

MACKAY RIVER ABOVE DUNKIRK RIVER - STATION NO. 07DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0108	0.0268	0.893	3.86	2.53	1.34	1.44	1.23	0.6508	---	1
2	---	---	0.0108	0.0858	0.829	5.29	2.48	1.28	1.82	1.21	0.6228	---	2
3	---	---	0.0108	0.1188	0.758	6.34	2.44	1.18	2.03	1.32	0.5958	---	3
4	---	---	0.0108	0.2208	0.682	6.75	2.41	1.18	2.09	1.52	0.5758	---	4
5	---	---	0.0108	0.1908	0.621	7.02	2.33	1.13	2.06	1.45	0.5558	---	5
6	---	---	0.0108	0.1758	0.556	8.38	2.17	1.18	1.98	1.40	0.5488	---	6
7	---	---	0.0108	0.1788	0.498	9.84	2.30	1.38	1.82	1.37	0.5448	---	7
8	---	---	0.0108	0.2508	0.474	10.6	2.84	1.72	1.91	1.37	0.5408	---	8
9	---	---	0.0108	0.5008	0.447	10.8	3.41	1.82	2.11	1.35	0.5388	---	9
10	---	---	0.0108	0.5498	0.391	9.99	3.80	1.38	2.30	1.37	---	---	10
11	---	---	0.0108	0.5758	0.371	9.03	4.13	1.23	2.37	1.40	---	---	11
12	---	---	0.0108	0.5908	0.367	7.88	4.19	1.16	2.33	1.41	---	---	12
13	---	---	0.0108	0.6108	0.360	6.69	4.19	1.40	2.24	1.62	---	---	13
14	---	---	0.0108	0.6308	0.353	5.72	4.38	2.34	2.15	1.88	---	---	14
15	---	---	0.0108	0.6708	0.329	4.98	4.56	2.82	2.04	1.91	---	---	15
16	---	---	0.0108	0.7688	0.327	4.29	4.60	2.48	1.93	1.94	---	---	16
17	---	---	0.0108	0.884	0.321	3.76	4.53	2.26	1.81	2.28	---	---	17
18	---	---	0.0108	1.04	0.2368	3.28	4.46	2.08	1.72	3.10	---	---	18
19	---	---	0.0118	1.22	0.2428	2.74	4.32	1.89	1.62	3.83	---	---	19
20	---	---	0.0118	1.39	0.2508	2.89	4.23	1.73	1.84	4.45	---	---	20
21	---	---	0.0128	1.62	0.2658	3.10	4.14	1.58	1.65	4.87	---	---	21
22	---	---	0.0138	1.83	0.2808	3.11	4.05	1.42	1.38	4.58	---	---	22
23	---	---	0.0138	1.95	0.2808	3.14	3.82	1.28	1.33	4.32	---	---	23
24	---	---	0.0148	1.81	.83 A	3.14	3.41	1.18	1.31	3.50 B	---	---	24
25	---	---	0.0158	1.40	1.76	3.08	2.83	1.02	1.30	3.25 B	---	---	25
26	---	---	0.0168	1.31	1.87	3.01	2.52	0.921	1.30	2.75 B	---	---	26
27	---	---	0.0178	1.22	2.01	2.93	2.19	0.844	1.27	2.25 B	---	---	27
28	---	---	0.0188	1.14	2.07	2.74	1.98	0.901	1.25	1.75 B	---	---	28
29	---	---	0.0218	1.04	2.05	2.52	1.78	1.18	1.24	1.25 B	---	---	29
30	---	---	0.0238	0.959	1.97	2.59	1.59	1.27	1.24	0.9008	---	---	30
31	---	---	0.0268		1.88		1.44	1.30		0.7508		---	31
TOTAL	---	---	0.389	24.055	26.816	159.08	100.18	46.258	52.49	67.490	---	---	TOTAL
MEAN	---	---	0.013	0.802	0.859	5.30	3.23	1.48	1.75	2.18	---	---	MEAN
MAX	---	---	0.026	1.83	2.07	10.6	4.80	2.82	2.37	4.87	---	---	MAX
MIN	---	---	0.010	0.036	0.321	2.52	1.44	0.844	1.24	0.750	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 10.8 ON JUN 8

MAXIMUM INSTANTANEOUS,
10.8 AT 16:24 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 45 35 N
LONG 112 36 50 W
DRAINAGE AREA, 984 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8 850
FEB	---	AUG	3 910
MAR	33 8	SEP	4 540
APR	2 080	OCT	5 830
MAY	2 300	NOV	---
JUN	13 700	DEC	---

MACKAY RIVER NEAR FORT MACKAY - STATION NO. 07DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1308	0.1208	0.3048	1.558	4.75E	55.5	24.0	7.81	7.08	5.05	3.308	2.17 B	1
2	0.1258	0.1288	0.3148	1.508	4.35E	116	22.7	8.94	7.80	5.08	7.858	2.09 B	2
3	0.1218	0.1388	0.3248	2.308	4.05E	112	21.8	8.13	10.5	5.07	7.058	2.01 B	3
4	0.1198	0.1508	0.3358	2.858	3.80E	107	21.3	5.65	11.8	5.10	6.658	1.92 B	4
5	0.1188	0.1658	0.3488	2.758	3.65E	98.2	20.1	5.31	11.9	5.17	6.258	1.85 B	5
6	0.1188	0.1748	0.3558	2.808	3.45E	94.0	19.2	5.09	11.9	5.75	5.908	1.83 B	6
7	0.1188	0.1778	0.3658	2.858	3.30E	95.5	24.0	4.88	11.2	5.77	5.608	1.81 B	7
8	0.1188	0.1808	0.3708	3.008	3.20E	98.8	33.8	4.75	10.7	5.59	5.358	1.78 B	8
9	0.1188	0.1808	0.3728	3.758	3.10E	94.2	38.9	5.41	10.7	5.56	5.088	1.76 B	9
10	0.1188	0.1808	0.3748	4.708	2.98E	90.0	42.0	6.04	11.6	5.43	4.858	1.77 B	10
11	0.1188	0.1808	0.3768	5.408	2.90E	83.8	42.6	5.40	12.6	5.42	4.658	1.88 B	11
12	0.1188	0.1808	0.3778	5.758	2.85E	76.0	41.2	4.89	13.0	5.86	4.458	1.96 B	12
13	0.1188	0.1808	0.3788	6.208	2.77E	67.5	40.9	4.88	12.4	7.06	4.258	1.63 B	13
14	0.1188	0.1808	0.3798	6.808	2.75E	60.0	42.3	14.9	11.4	8.85	4.058	1.35 B	14
15	0.1188	0.1808	0.3808	6.908	2.85E	52.6	46.7	24.8	10.5	10.7	3.928	1.28 B	15
16	0.1188	0.1808	0.3818	7.208	2.93E	45.2	48.2	24.1	9.84	11.0	3.768	1.25 B	16
17	0.1188	0.1808	0.3828	7.758	2.88A	41.0	46.6	21.8	9.24	12.3	3.648	1.23 B	17
18	0.1188	0.1808	0.3838	8.208	3.14	38.6	42.8	19.2	8.18	18.3	3.528	1.21 B	18
19	0.1188	0.1858	0.3868	8.758	3.47	37.6	38.1	16.7	7.44	28.1	3.408	1.18 B	19
20	0.1188	0.1938	0.3948	9.208	4.53	37.0	35.8	14.8	7.00	36.7	3.288	1.17 B	20
21	0.1188	0.2008	0.4008	9.508	10.7	34.8	33.3	13.0	6.72	38.3	3.188	1.15 B	21
22	0.1188	0.2108	0.4078	9.758	17.5	38.1	31.8	11.1	6.26	38.1	3.078	1.12 B	22
23	0.1188	0.2228	0.4208	9.858	22.1	36.0	29.8	9.22	5.83	38.5	2.978	1.09 B	23
24	0.1188	0.2328	0.4408	10.4	23.8	34.4	27.6	8.16	5.64	32.3 B	2.858	1.06 B	24
25	0.1188	0.2448	0.4728	9.48	24.8	32.5	24.3	7.13	5.78	27.6 B	2.758	1.03 B	25
26	0.1188	0.2558	0.5268	8.55	25.0	31.2	20.7	6.47	5.50	24.2 B	2.658	1.00 B	26
27	0.1188	0.2658	0.5908	7.58	25.5	29.6	17.6	5.86	5.34	17.6 B	2.558	0.9758	27
28	0.1188	0.2808	0.6758	6.58	25.3	28.4	15.1	5.64	5.24	13.3 B	2.458	0.9508	28
29	0.1188	0.2908	0.8008	5.80E	25.0	25.8	12.8	5.75	5.23	11.2 B	2.358	0.9308	29
30	0.1188		0.9758	5.188	24.4	23.9	10.8	6.84	5.18	10.0 B	2.258	0.9158	30
31	0.1188		1.278		24.4		9.23	7.17		8.858		0.8008	31
TOTAL	3.681	5.808	14.263	182.75	318.30	1 787.7	827.63	295.69	283.54	458.91	128.65	43.490	TOTAL
MEAN	0.119	0.193	0.460	6.09	10.2	59.6	26.8	9.54	9.78	14.8	4.29	1.40	MEAN
MAX	0.130	0.280	1.27	10.4	25.5	116	48.2	24.8	13.0	38.3	8.30	2.35	MAX
MIN	0.118	0.120	0.304	1.55	2.75	23.9	9.23	4.75	5.18	5.05	2.35	0.900	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 116 ON JUN 2
MINIMUM DAILY, 0.1188 ON JAN 5
MAXIMUM INSTANTANEOUS,
120 AT 18:14 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 12 36 N
LONG 111 41 36 W
DRAINAGE AREA, 9 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	318	JUL	80 200
FEB	485	AUG	25 500
MAR	1 230	SEP	22 600
APR	15 800	OCT	39 600
MAY	27 300	NOV	11 100
JUN	155 000	DEC	3 780

TOTAL DISCHARGE, 383 000 dam³

MAGRATH IRRIGATION DISTRICT CANAL NEAR SPRING COULEE - STATION NO. 05AE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	1.33	1.88	1.82	1.04	0.585	---	---	1
2	---	---	---	0	0.032	1.21	2.01	1.84	1.04	0.579	---	---	2
3	---	---	---	0	0.052	1.24	2.06	1.83	1.04	0.592	---	---	3
4	---	---	---	0	0.080	1.50	2.10	1.75	1.28	0.526	---	---	4
5	---	---	---	0	0.065	1.51	2.03	1.78	1.33	0.627	---	---	5
6	---	---	---	0	0.036	1.55	2.13	1.74	1.33	0.632	---	---	6
7	---	---	---	0	0.051	1.57	2.25	1.87	1.33	0.631	---	---	7
8	---	---	---	0	0.080	1.54	2.18	1.70	1.19	0.512	---	---	8
9	---	---	---	0	0.043	0.992	2.27	1.82	1.15	0.208	---	---	9
10	---	---	---	0	0.044	0.834	2.30	1.79	1.05	0	---	---	10
11	---	---	---	0	0.041	0.731	2.39	1.76	0.981	0	---	---	11
12	---	---	---	0	0.065	0.849	2.52	1.55	0.979	0	---	---	12
13	---	---	---	0	0.092	1.08	2.48	1.58	0.941	0	---	---	13
14	---	---	---	0	0.138	1.07	2.42	1.74	0.864	0	---	---	14
15	---	---	---	0	0.185	1.26	2.41	1.83	0.913	0	---	---	15
16	---	---	---	0	0.227	1.31	2.41	1.80	0.880	0	---	---	16
17	---	---	---	0	0.348	1.08	2.81	1.85	0.882	0	---	---	17
18	---	---	---	0	0.404	1.09	2.69	1.44	1.01	0	---	---	18
19	---	---	---	0	0.514	1.52	2.69	1.38	1.00	0	---	---	19
20	---	---	---	0	0.569	1.72	2.69	1.42	1.01	0	---	---	20
21	---	---	---	0	0.548	1.82	2.51	1.38	0.802	0	---	---	21
22	---	---	---	0	0.453	1.00	2.45	1.33	0.536	0	---	---	22
23	---	---	---	0	0.590	0.758	2.48	1.04	0.387	0	---	---	23
24	---	---	---	0	0.606	0.811	2.52	1.07	0.278	0	---	---	24
25	---	---	---	0	0.895	1.08	2.51	1.12	0.277	0	---	---	25
26	---	---	---	0	0.782	1.33	2.51	1.18	0.278	0	---	---	26
27	---	---	OA	0	0.871	1.57	2.51	1.12	0.262	0	---	---	27
28	---	---	0	0	0.856	2.00	2.35	1.08	0.854	0	---	---	28
29	---	---	0	0	1.05	2.00	2.25	0.827	0.594	0	---	---	29
30	---		0	0	1.28	1.98	2.06	0.847	0.598	0 A	---	---	30
31	---		0		1.34		2.07	0.886		0 E			31
TOTAL	---	---	---	0	12.079	38.135	72.81	46.050	28.278	4.872	---	---	TOTAL
MEAN	---	---	---	0	0.390	1.30	2.35	1.49	0.876	0.157	---	---	MEAN
MAX	---	---	---	0	1.34	2.00	2.69	1.92	1.33	0.632	---	---	MAX
MIN	---	---	---	0	0	0.731	1.99	0.827	0.277	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.840
MAXIMUM DAILY, 2.69 ON JUL 18
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 55 N
LONG 113 03 15 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 290
FEB	---	AUG	3 880
MAR	---	SEP	2 270
APR	0	OCT	421
MAY	1 040	NOV	---
JUN	3 380	DEC	---

TOTAL DISCHARGE, 17 400 dam³

MALIGNE RIVER NEAR JASPER - STATION NO. 07AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.52E	2.83	2.22	2.18	2.80	13.3	44.5	42.7	42.9	22.3	7.08	5.10	1
2	3.48E	2.81	2.18	2.18	2.86	13.0	43.2	42.6	42.4	21.1	7.35	4.85	2
3	3.48E	2.78	2.12	2.16	2.89	12.7	42.8	42.3	42.3	20.3	7.80	4.33	3
4	3.43E	2.74	2.06	2.13	2.84	12.8	43.1	42.4	42.3	19.6	7.80	4.48	4
5	3.40E	2.68	2.18	2.12	2.86	12.9	43.7	42.2	42.3	19.2	7.85	4.47	5
6	3.37E	2.68	2.12	2.15	2.87	14.6	44.0	42.3	43.5	18.6	7.39	4.43	6
7	3.33E	2.84	2.18	2.13	2.85	17.4	43.2	41.8	43.8	18.2	7.30	4.78	7
8	3.30E	2.67	2.14	2.13	2.88	22.1	42.4	41.7	43.8	17.4	7.07	4.67	8
9	3.27E	2.85	2.14	2.10	3.05	24.2	42.8	41.7	44.1	17.9	6.27	4.53	9
10	3.24E	2.63	2.16	2.09	2.87	25.6	43.2	41.8	43.5	18.1	6.87	4.48	10
11	3.21A	2.58	2.20	2.05	2.93	28.6	43.3	41.7	42.9	18.2	6.73	4.28	11
12	3.23	2.62	2.07	2.06	2.92	32.1	43.4	41.7	41.3	18.4	6.81	4.29	12
13	3.17	2.58	2.07	2.07	2.98	35.9	43.7	41.8	39.0	17.9	6.81	4.27	13
14	2.83	2.67	2.22	2.15	3.18	38.3	43.3	41.8	36.2	17.3	6.50	4.23	14
15	2.77	2.48	2.11	2.53	3.83	44.9	43.0	41.5	33.8	16.6	6.60	4.17	15
16	2.86	2.56	2.28	3.90	4.23	44.1	43.4	41.3	31.3	15.7	6.45	4.08	16
17	2.83	2.37	2.23	4.08	4.34	41.6	43.3	41.4	32.2	14.8	6.36	3.88	17
18	2.70	2.36	2.22	3.84	4.27	40.9	43.2	41.8	34.5	14.0	6.26	3.85	18
19	2.71	2.42	2.18	3.22	4.32	40.6	43.0	42.0	36.3	13.7	6.24	3.73	19
20	2.85	2.48	2.13	3.81	4.74	38.8	43.0	41.8	36.2	12.7	6.09	4.00	20
21	2.73	2.50	2.15	3.89	4.86	40.3	42.7	42.1	36.0	12.7	6.32	4.10	21
22	2.86	2.32	2.15	3.86	4.65	41.2	42.8	42.0	35.8	11.9	6.65	4.08	22
23	2.91	2.43	2.23	3.12	4.46	42.8	42.4	42.1	35.0	11.5	6.32	4.04	23
24	2.88	2.27	2.14	2.81	4.38	44.4	42.4	42.0	33.9	11.1	6.16	3.84	24
25	2.87	2.40	2.11	2.69	4.36	43.8	42.4	42.1	32.6	10.8	6.18	3.95	25
26	2.86	2.28	2.11	3.05	4.45	43.4	42.9	42.1	30.8	10.1	6.76	3.86	26
27	2.91	2.28	2.08	2.77	4.88	44.8	43.7	42.2	28.8	9.49	6.62	3.23	27
28	2.91	2.33	2.10	2.78	4.97	45.4	43.4	42.4	26.9	8.87	6.78	3.22	28
29	2.87	2.28	2.10	2.74	5.37	50.5	43.8	42.2	25.3	8.48	6.41	3.11	29
30	2.81		2.09	2.71	10.8	47.2	42.8	42.4	23.7	8.04	4.80	3.05E	30
31	2.78		2.15		13.7		42.8	42.5		8.87		3.09E	31
TOTAL	94.48	73.23	66.68	81.40	134.78	1 001.1	1 338.4	1 302.0	1 103.1	458.88	191.85	128.18	TOTAL
MEAN	3.05	2.53	2.15	2.71	4.35	33.4	43.1	42.0	36.8	14.8	6.38	4.07	MEAN
MAX	3.52	2.83	2.28	4.08	13.7	50.5	44.5	42.7	44.1	22.3	7.80	5.10	MAX
MIN	2.65	2.27	2.06	2.06	2.80	12.8	42.4	41.3	23.7	8.87	4.80	3.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 50.5 ON JUN 29
MINIMUM DAILY, 2.06 ON APR 11
MAXIMUM INSTANTANEOUS,
52.5 AT 17:35 MST ON JUN 29

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 51 N
LONG 118 01 34 W
DRAINAGE AREA, 908 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 160	JUL	115 000
FEB	6 330	AUG	112 000
MAR	5 750	SEP	85 300
APR	7 030	OCT	39 600
MAY	11 500	NOV	16 500
JUN	86 900	DEC	10 900

TOTAL DISCHARGE, 515 000 dam³

MAMAWI LAKE CHANNEL AT OLD DOG CAMP - STATION NO. 07KF003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.174	207.957	207.148	206.897	208.252	208.885	208.884	209.145	209.041	208.997	208.805	208.768	1
2	208.212	207.976	207.127	206.954	208.125	208.848	208.984	209.181	209.108	208.941	208.841	208.775	2
3	208.186	207.949	207.100	206.998	208.106	208.824	209.035	209.163	209.019	208.987	208.835	208.788	3
4	208.218	207.908	207.089	207.049	208.140	208.817	209.106	209.158	209.013	208.943	208.804	208.782	4
5	208.204	207.858	207.076	207.079	207.942	208.848	209.154	209.148	209.048	208.917	208.804	208.789	5
6	208.186	207.770	207.039	207.032	207.903	208.893	209.188	209.246	209.170	208.895	208.819	208.748	6
7	208.181	207.705	207.006	206.982	208.238	209.016	209.238	209.243	209.196	208.889	208.834	208.745	7
8	208.187	207.641	206.982	206.959	208.356	208.897	209.226	209.185	209.056	208.890	208.802	208.744	8
9	208.164	207.549	206.973	207.018	208.415	208.865	209.175	209.155	208.984	208.838	208.816	208.737	9
10	208.178	207.554	206.986	207.108	208.412	208.909	209.172	209.027	208.984	208.903	208.821	208.728E	10
11	208.183	207.552	206.958	207.182	208.403	208.955	209.139	209.018	208.986	208.897	208.809	208.718E	11
12	208.182	207.616	206.951	207.374	208.387	208.995	209.187	209.132	208.985	208.875	208.828	208.708	12
13	208.181	207.601	206.942	207.577	208.405	209.049	209.194	209.183	208.820	208.812	208.845	208.704E	13
14	208.137	207.609	206.938	207.685	208.315	209.123	209.157	209.129	208.885	208.752	208.830	208.698E	14
15	208.086	207.617	206.933	207.920	208.430	209.185	209.144	209.103	208.887	208.808	208.768	208.693E	15
16	208.038	207.621	208.927	208.226	208.372	209.215	209.188	209.049	208.852	208.999	208.779	208.687E	15
17	208.026	207.618	206.913	208.380	208.315	209.214	209.122	209.048	208.885	209.264	208.808	208.682E	17
18	207.981	207.623	208.910	208.407	208.168	209.214	209.161	209.043	208.910	209.210	208.798	208.677E	18
19	207.946	207.586	206.910	208.197	208.113	209.217	209.182	209.009	208.944	209.001	208.783	208.671E	19
20	207.878	207.540	208.896	208.436	208.029	209.219	209.223	209.018	208.979	208.955	208.763	208.666E	20
21	207.817	207.440	206.884	208.681	208.072	209.224	209.175	209.006	209.054	208.928	208.754	208.660E	21
22	207.853	207.386	206.884	209.079	208.083	209.223	209.197	208.943	209.027	208.924	208.789	208.655	22
23	207.786	207.327	206.877	209.108	208.420	209.202	209.228	208.920	208.967	208.970	208.755	208.650	23
24	207.888	207.285	206.883	208.027	208.630	209.158	209.260	208.886	208.958	208.882	208.746	208.689	24
25	207.728	207.240	206.883	208.842	208.732	209.111	209.267	208.859	208.954	208.890	208.751	208.674	25
26	207.692	207.202	206.874	208.845	208.785	209.128	209.254	208.746	208.905	208.795	208.750	208.620	26
27	207.727	207.202	206.883	208.686	208.816	209.089	209.213	208.845	208.839	208.791	208.759	208.598	27
28	207.705	207.222	206.852	208.469	208.828	209.078	209.158	208.847	208.874	208.769	208.785	208.578	28
29	207.735		206.852	208.370	208.856	209.147	209.151	209.038	208.904	208.818	208.787	208.558	29
30	207.830		206.852	208.304	208.832	209.048	209.182	209.027	208.983	208.805	208.770	208.516	30
31	207.807		206.871		208.893		209.188	209.025		208.807		208.496	31
MEAN	207.958	207.562	206.947	207.906	208.380	209.084	209.184	209.048	208.976	208.905	208.793	208.683	MEAN
MAX	208.218	207.976	207.148	209.109	208.893	209.224	209.267	209.246	209.196	209.264	208.845	208.789	MAX
MIN	207.688	207.193	206.852	206.897	207.903	208.817	208.884	208.746	208.839	208.752	208.746	208.496	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 208.455
MAXIMUM DAILY, 209.267 ON JUL 25
MINIMUM DAILY, 206.852 ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 00 N
LONG 111 20 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MANATOKAN CREEK NEAR IRON RIVER - STATION NO 06AC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0908	0 210E	0 271	0 033	0 027	0 001E	0 001E	0B	---	1
2	---	---	0 B	0 1568	0 248A	0 238	0 029	0 024	0 001E	0 C01E	0B	---	2
3	---	---	0 B	0 1898	0 228A	0 218	0 024	0 021	0 001E	0 001A	0B	---	3
4	---	---	0 B	0 2368	0 236A	0 215	0 020	0 019	0 001E	0 001E	0B	---	4
5	---	---	0 B	0 2778	0 231A	0 198	0 015	0 018	0 001E	0 001E	0B	---	5
6	---	---	0 B	0 3038	0 207A	0 185	0 019	0 015	0 001E	0 001E	0B	---	6
7	---	---	0 B	0 2948	0 180A	0 234	0 048	0 014	0 001E	0 001E	0B	---	7
8	---	---	0 B	0 3768	0 133A	0 237	0 077	0 014	0 001E	0 001E	0B	---	8
9	---	---	0 B	0 454A	0 160A	0 218	0 078	0 017	0 001E	0 001E	---	---	9
10	---	---	0 B	0 524A	0 174E	0 229	0 078	0 023	0 001E	0 001E	---	---	10
11	---	---	0 B	0 518A	0 187A	0 252	0 077	0 020	0 001E	0 001E	---	---	11
12	---	---	0 B	0 528E	0 177A	0 245	0 075	0 018	0 001E	0 001E	---	---	12
13	---	---	0 B	0 527A	0 150A	0 229	0 081	0 016	0 001E	0 001E	---	---	13
14	---	---	0 B	0 482A	0 146A	0 228	0 087	0 014	0 008E	0 001E	---	---	14
15	---	---	0 B	0 444A	0 143A	0 240	0 089	0 012	0 005E	0 001E	---	---	15
16	---	---	0 B	0 434A	0 153A	0 234	0 083	0 011	0 004E	0 B	---	---	16
17	---	---	0 B	0.274A	0.174E	0 244	0 068	0 009	0.003E	0 B	---	---	17
18	---	---	0 B	0 348A	0.194A	0 243	0 083	0.008	0 001E	0 001E	---	---	18
19	---	---	0 B	0.267A	0 201A	0 218	0 081	0 007E	0 001E	0 001E	---	---	19
20	---	---	0 B	0 185A	0 207A	0 224	0 061	0 006E	0 001E	0 001E	---	---	20
21	---	---	0 B	0 306A	0 211A	0 233	0 068	0.005E	0 001E	0 001E	---	---	21
22	---	---	0 B	0 306A	0 218A	0 215	0 057	0.004E	0.001E	0 B	---	---	22
23	---	---	0 0018	0 286A	0 224A	0 198	0 044	0.003E	0 001E	0 B	---	---	23
24	---	---	0 0048	0 278A	0 231A	0 177	0 089	0 002E	0 001E	0 B	---	---	24
25	---	---	0.0078	0.267A	0.241A	0.152	0.089	0 002E	0 001E	0 B	---	---	25
26	---	---	0 0188	0 233A	0 183	0 124	0.061	0 001E	0 001E	0 B	---	---	26
27	---	---	0 0368	0.208A	0 195	0 108	0 055	0 001E	0 001E	0 B	---	---	27
28	---	---	0 0398	0.233A	0.209	0 094	0 054	0 001E	0 001E	0 B	---	---	28
29	---	---	0 0208	0.212A	0.208	0 074	0 053	0 001E	0 008E	0 B	---	---	29
30	---		0 0318	0 197A	0 198	0 051	0 053	0 001A	0 002E	0 B	---	---	30
31	---		0 0158		0 209		0 034	0 001E		0 B		---	31
TOTAL	---	---	0.172	9.465	6.063	6.026	1.781	0.333	0.052	0.019	---	---	TOTAL
MEAN	---	---	0 005	0 316	0.196	0.201	0 057	0 011	0 002	0 001	---	---	MEAN
MAX	---	---	0 039	0 528	0 248	0 271	0 089	0 027	0 008	0 001	---	---	MAX
MIN	---	---	0	0 080	0 133	0 051	0.015	0 001	0.001	0	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0 528E ON APR 12
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 55 N
LONG 110 58 10 W
DRAINAGE AREA, 442 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	154
FEB	---	AUG	28 8
MAR	14.8	SEP	4.49
APR	818	OCT	1.64
MAY	524	NOV	---
JUN	521	DEC	---

MANYBERRIES CREEK AT BRODIN'S FARM - STATION NO. 05AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.030E	0	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.007A	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.004	0	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0.018	0	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0.082	0	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0.056	0	0A	0	0	0	0	---	---	6
7	---	0 B	0 B	0.148	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0.186	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0.185	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0.161	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0.214	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0.128	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0.069	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0.036	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0.013	0	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0.005	0.001	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0.001	0.009	0	0	0	0	0	---	---	17
18	---	0 B	0 B	0	0.008	0	0	0	0	0	---	---	18
19	---	0 B	0 B	0	0.003	0	0	0	0	0	---	---	19
20	---	0 B	0.010B	0	0	0	0	0	0	0	---	---	20
21	---	0 B	1.54 B	0.001	0	0	0	0	0	0	---	---	21
22	---	0.001B	0.880B	0.008	0	0	0	0	0	0	---	---	22
23	---	0.005B	0.516B	0.006	0	0	0	0	0	0	---	---	23
24	---	0.003B	0.400B	0.003	0	0	0	0	0	0	---	---	24
25	---	0.002B	0.336B	0.004	0	0	0	0	0	0	---	---	25
26	---	0 001B	0.200B	0.002	0	0	0	0	0	0	---	---	26
27	---	0 B	0 148B	0	0	0	0	0	0	0B	---	---	27
28	---	0 B	0 130B	0	0	0	0	0	0	0B	---	---	28
29	---	0 B	0.105B	0	0	0	0	0	0	0B	---	---	29
30	---		0.080E	0	0		0	0		0B		---	30
31	0B		0 054E		0		0	0		0B		---	31
TOTAL	---	0.012	4 397	1 345	0 019	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0 142	0 045	0 001	0	0	0	0	0	---	---	MEAN
MAX	---	0 005	1 54	0 214	0 009	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 024
MAXIMUM DAILY, 1 54B ON MAR 21
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 30 N
LONG 110 43 30 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1 04	AUG	0
MAR	380	SEP	0
APR	116	OCT	0
MAY	1 64	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 498 dam³

MARIE LAKE NEAR COLD LAKE - STATION NO 05AC005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	573.548E	573.580	573.583	573.737	573.752	573.686	573.535	573.511	573.451	---	1
2	---	---	573.548E	573.582	573.582	573.744	573.747	573.678	573.535	573.508	573.448	---	2
3	---	---	573.548E	573.584	573.582	573.750	573.744	573.675	573.536	573.503	573.448	---	3
4	---	---	573.548E	573.585	573.583	573.756	573.743	573.670	573.536	573.501	573.446	---	4
5	---	---	573.548E	573.588	573.586	573.763	573.738	573.665	573.535	573.500	573.446	---	5
6	---	---	573.548E	573.583	573.590	573.760	573.748	573.664	573.534	573.498	573.445	---	6
7	---	---	573.548E	573.589	573.589	573.769	573.747	573.658	573.532	573.496	573.443A	---	7
8	---	---	573.548E	573.600	573.594	573.775	573.747	573.649	573.525	573.501	---	---	8
9	---	---	573.548E	573.599	573.594	573.768	573.763	573.646	573.537	573.500	---	---	9
10	---	---	573.548E	573.599	573.589	573.768	573.751	573.642	573.535	573.498	---	---	10
11	---	---	573.548E	573.601	573.590	573.772	573.752	573.638	573.533	573.495	---	---	11
12	---	---	573.548E	573.605	573.590	573.778	573.747	573.632	573.547	573.502	---	---	12
13	---	---	573.548E	573.608	573.591	573.777	573.746	573.631	573.543	573.494	---	---	13
14	---	---	573.548A	573.609	573.590	573.780	573.748	573.624	573.543	573.488	---	---	14
15	---	---	573.549	573.608	573.590	573.780	573.744	573.618	573.538	573.482	---	---	15
16	---	---	573.553	573.608	573.596	573.783	573.736	573.618	573.538	573.504	---	---	16
17	---	---	573.558	573.608	573.613	573.782	573.740	573.612	573.537	573.497	---	---	17
18	---	---	573.561	573.606	573.636	573.780	573.729	573.608	573.539	573.505	---	---	18
19	---	---	573.559	573.611	573.643	573.778	573.727	573.602	573.534	573.493	---	---	19
20	---	---	573.560	573.608	573.650	573.788	573.727	573.598	573.534	573.488	---	---	20
21	---	---	573.560	573.608	573.676	573.784	573.728	573.595	573.547	573.487	---	---	21
22	---	---	573.565	573.611	573.681	573.783	573.721	573.587	573.539	573.484	---	---	22
23	---	---	573.569	573.609	573.681	573.781	573.718	573.587	573.527	573.485	---	---	23
24	---	---	573.570	573.608	573.689	573.780	573.715	573.582	573.524	573.486	---	---	24
25	---	---	573.572	573.610	573.692	573.779	573.720	573.578	573.522	573.485	---	---	25
26	---	---	573.571	573.602	573.688	573.774	573.715	573.571	573.522	573.481	---	---	26
27	---	---	573.572	573.600	573.702	573.778	573.711	573.569	573.517	573.473	---	---	27
28	---	---	573.573	573.598	573.708	573.777	573.708	573.561	573.515	573.487	---	---	28
29	---	---	573.576	573.596	573.716	573.772	573.703	573.541	573.513	573.482	---	---	29
30	---	---	573.578	573.596	573.718	573.769	573.687	573.536	573.513	573.480	---	---	30
31	---	---	573.578		573.728		573.681	573.535		573.480		---	31
MEAN	---	---	573.558	573.601	573.638	573.772	573.732	573.614	573.533	573.490	---	---	MEAN
MAX	---	---	573.578	573.611	573.728	573.788	573.783	573.686	573.562	573.511	---	---	MAX
MIN	---	---	573.548	573.580	573.583	573.737	573.681	573.535	573.513	573.480	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 573.788 ON JUN 20

MAXIMUM INSTANTANEOUS,
573.791 AT 02:49 MST ON JUN 20

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 35 25 N
LONG 110 18 15 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
478 km²

MARMOT CREEK MAIN STEM NEAR SEEBE - STATION NO. 05BF018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015E	0.013	0.011	0.011	0.020	0.295	0.376	0.078	0.045	0.063E	0.033	0.022E	1
2	0.015E	0.013	0.011	0.011	0.022	0.260	0.323	0.077	0.045	0.064E	0.034	0.021E	2
3	0.015E	0.013	0.011	0.011	0.022	0.228	0.278	0.074	0.045	0.068A	0.034	0.020E	3
4	0.021E	0.013	0.011	0.011	0.022	0.218	0.260	0.071	0.045	0.071	0.033	0.020E	4
5	0.023A	0.013	0.011	0.011	0.021	0.270	0.246	0.073	0.043	0.071	0.033	0.020E	5
6	0.018	0.013	0.011	0.012	0.021	0.317	0.246	0.069	0.048	0.067	0.033	0.021E	6
7	0.017	0.013	0.011	0.012	0.022	0.356	0.233	0.065	0.045	0.071	0.033	0.020E	7
8	0.016	0.013	0.011	0.012	0.025	0.457	0.215	0.063	0.044	0.078	0.032	0.021E	8
9	0.016A	0.013	0.011	0.012	0.027	0.421	0.198	0.061	0.043	0.080	0.031	0.019E	9
10	0.018E	0.013	0.011	0.012	0.025	0.401	0.181	0.063	0.043	0.088	0.031	0.019E	10
11	0.016E	0.013	0.011	0.012	0.024	0.453	0.173	0.061	0.045	0.095	0.031	0.019E	11
12	0.018E	0.013	0.011	0.012	0.025	0.497	0.168	0.058	0.048	0.092	0.031	0.020A	12
13	0.015E	0.012	0.011	0.012	0.028	0.580	0.167	0.063	0.047	0.086	0.030	0.020	13
14	0.015E	0.012	0.011	0.013	0.047	0.656	0.155	0.057	0.048	0.081	0.029	0.020	14
15	0.015E	0.012	0.011	0.017	0.080	0.697	0.148	0.055	0.045	0.078	0.029	0.019	15
16	0.015E	0.012	0.011	0.025	0.119	0.730	0.141	0.053	0.044	0.070	0.028	0.019	16
17	0.015E	0.012	0.011	0.038	0.084	0.652	0.135	0.051	0.043	0.063	0.028	0.019	17
18	0.014E	0.012	0.011	0.037	0.099	0.573	0.130	0.050	0.040	0.054	0.028	0.018	18
19	0.014E	0.012	0.011	0.031	0.118	0.515	0.124	0.055	0.043	0.055	0.027	0.019	19
20	0.014E	0.012	0.010	0.028	0.117	0.470	0.121	0.049	0.048	0.080	0.027	0.019	20
21	0.013E	0.012	0.011	0.033	0.106	0.429	0.132	0.047	0.055	0.058	0.027	0.019	21
22	0.013E	0.012	0.011	0.038	0.112	0.388	0.118	0.045	0.054	0.053	0.026	0.018	22
23	0.014A	0.012	0.011	0.033	0.110	0.372	0.107	0.045	0.054A	0.048	0.027	0.018	23
24	0.014	0.012	0.011	0.026	0.094	0.388	0.099	0.044	0.050E	0.047	0.026	0.018	24
25	0.013	0.012	0.011	0.022	0.089	0.408	0.093	0.042	0.050E	0.047	0.026	0.018	25
26	0.013	0.012	0.011	0.023	0.087	0.404	0.089	0.040	0.050E	0.045	0.024	0.017	26
27	0.013	0.011	0.011	0.022	0.087	0.414	0.088	0.039	0.048E	0.044	0.022E	0.017	27
28	0.013	0.011	0.011	0.020	0.123	0.415	0.086	0.055	0.048E	0.038	0.023E	0.018	28
29	0.013	0.011	0.011	0.022	0.235	0.457	0.086	0.048	0.054E	0.037	0.022E	0.018	29
30	0.013		0.011	0.020	0.411	0.437	0.092	0.047	0.050E	0.038	0.022E	0.018	30
31	0.013		0.011		0.386		0.082	0.048		0.033		0.018	31
TOTAL	0.488	0.357	0.340	0.602	2.836	13.157	5.091	1.764	1.416	1.937	0.880	0.585	TOTAL
MEAN	0.015	0.012	0.011	0.020	0.092	0.439	0.164	0.057	0.047	0.062	0.028	0.018	MEAN
MAX	0.023	0.013	0.011	0.038	0.411	0.730	0.376	0.078	0.050	0.095	0.034	0.022	MAX
MIN	0.013	0.011	0.010	0.011	0.020	0.218	0.082	0.040	0.040	0.033	0.022	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.080
MAXIMUM DAILY, 0.730 ON JUN 16
MINIMUM DAILY, 0.010 ON MAR 20
MAXIMUM INSTANTANEOUS,
0.764 AT 20 59 MST ON JUN 15

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 01 N
LONG 115 09 08 W
DRAINAGE AREA, 9.40 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40.3	JUL	440
FEB	30.8	AUG	182
MAR	29.4	SEP	122
APR	52.0	OCT	167
MAY	245	NOV	74.3
JUN	1 140	DEC	50.5

TOTAL DISCHARGE, 2 540 dam³

MARTINEAU RIVER ABOVE COLD LAKE - STATION NO 06AF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.608	2.528	2.848	7.128	11.0	49.7	13.6	8.93	4.49	4.41	3.808	4.688	1
2	2.608	2.648	2.998	7.538	10.5	48.3	13.3	8.62	4.00	4.56	3.758	4.718	2
3	2.608	2.538	3.188	9.118	9.98	48.7	14.0	8.50	3.87	4.92	3.628	4.538	3
4	2.598	2.518	3.278	9.488	9.84	48.4	13.7	8.68	4.30	4.34	3.958	4.378	4
5	2.588	2.508	3.358	9.418	9.44	45.5	13.1	8.44	4.15	3.95	4.028	4.128	5
6	2.578	2.508	3.388	10.68	8.98	42.5	12.7	8.62	3.86	3.95	4.108	4.068	6
7	2.568	2.528	3.128	10.38	9.04	41.1	12.4	8.21	4.81	4.18	4.118	3.988	7
8	2.558	2.568	3.068	9.758	9.53	41.0	12.5	7.92	6.86	3.80	4.138	4.068	8
9	2.548	2.568	3.088	8.318	8.63	38.0	12.3	8.14	5.88	3.81	4.038	4.208	9
10	2.538	2.588	2.948	10.88	9.49	34.0	12.2	7.22	4.59	3.94	3.978	4.138	10
11	2.618	2.588	2.558	11.98	9.04	31.4	11.5	7.23	4.63	3.62	3.818	3.898	11
12	2.568	2.568	3.038	14.18	8.00	30.4	11.4	8.00	5.36	3.20	3.808	3.328	12
13	2.508	2.558	2.898	14.18	8.01	29.0	11.3	7.22	5.39	3.62	3.958	2.748	13
14	2.568	2.568	3.068	13.6	7.72	27.1	12.3	6.73	5.34	3.95	4.228	2.768	14
15	2.618	2.628	3.348	13.4	6.46	25.6	12.3	6.38	5.04	3.88	4.208	2.588	15
16	2.608	2.598	3.778	12.8	7.82	25.1	12.8	7.24	4.80	3.83	4.278	2.488	16
17	2.558	2.588	4.208	12.6	8.78	25.1	12.1	6.82	4.70	7.83	4.328	2.088	17
18	2.508	2.538	4.398	12.2	19.8	24.8	11.2	6.83	4.66	5.80	4.308	1.898	18
19	2.458	2.688	4.748	12.3	26.3	23.4	11.8	6.74	4.74	4.72	4.258	1.578	19
20	2.378	2.718	5.288	12.4	30.4	23.1	12.1	6.97	4.59	4.45	4.258	1.578	20
21	2.358	2.748	5.868	11.6	36.1	22.9	12.3	6.85	4.72	4.428	4.288	1.768	21
22	2.358	2.778	6.588	11.5	39.0	22.3	12.4	6.85	5.26	4.408	4.308	1.878	22
23	2.378	2.828	7.158	12.0	42.3	21.5	12.5	6.62	5.86	4.388	4.358	2.058	23
24	2.408	2.888	7.488	12.6	45.7	20.1	11.8	6.57	5.89	4.388	4.388	2.008	24
25	2.478	2.888	7.948	12.3	47.3	19.4	11.1	6.88	4.78	4.308	4.408	2.038	25
26	2.488	3.008	8.018	11.8	48.6	18.4	10.8	6.37	4.84	4.258	4.478	2.138	26
27	2.478	2.888	7.848	11.6	48.0	18.5	10.3	6.07	5.08	4.208	4.738	2.238	27
28	2.458	3.048	7.818	11.7	48.5	17.4	10.0	6.01	5.03	4.208	4.708	2.338	28
29	2.478	3.008	7.818	11.7	47.1	15.9	9.92	6.04	4.44	4.108	4.748	2.408	29
30	2.488		7.538	11.4	48.3	14.4	9.62	5.60	4.55	4.028	4.678	2.438	30
31	2.508		9.148		48.5		9.21	5.62		3.958		2.478	31
TOTAL	77.82	77.36	150.08	341.11	724.38	686.9	368.15	217.90	145.81	132.76	126.08	91.20	TOTAL
MEAN	2.51	2.67	4.84	11.4	23.4	29.8	11.8	7.03	4.86	4.28	4.20	2.94	MEAN
MAX	2.61	3.04	9.01	14.1	48.5	49.7	14.0	8.93	6.86	7.83	4.74	4.71	MAX
MIN	2.35	2.50	2.85	7.12	6.46	14.4	9.21	4.81	3.87	3.20	3.75	1.57	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.12
MAXIMUM DAILY, 49.7 ON JUN 1
MINIMUM DAILY, 1.578 ON DEC 19
MAXIMUM INSTANTANEOUS,
50.8 AT 15 17 MST ON JUN 1

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 41 10 N
LONG 110 01 35 W
DRAINAGE AREA, 5 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 720	JUL	31 800
FEB	6 880	AUG	18 800
MAR	13 000	SEP	12 800
APR	29 800	OCT	11 800
MAY	62 800	NOV	10 800
JUN	76 800	DEC	7 880

TOTAL DISCHARGE, 289 000 dam³

MASKWA CREEK NO. 1 ABOVE BEARHILLS LAKE - STATION NO. 05FA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0738	0.016	0.013	0	0	0	0.011	0.0088	---	1
2	---	---	0 B	0.0828	0.016	0.008	0	0	0	0.011	0.0078	---	2
3	---	---	0 B	0.0548	0.018	0.002	0	0	0	0.012	0.0058	---	3
4	---	---	0 B	0.050	0.018	0	0	0	0	0.013	0.0038	---	4
5	---	---	0 B	0.047	0.017	0.002	0	0	0	0.013	0.0018	---	5
6	---	---	0 B	0.050	0.018	0.017	0	0	0.017	0.014	---	---	6
7	---	---	0 B	0.059	0.015	0.024	0.001	0	0.038	0.014	---	---	7
8	---	---	0 B	0.056	0.014	0.035	0	0	0.023	0.014	---	---	8
9	---	---	0 B	0.053	0.014	0.037	0	0	0.020	0.015	---	---	9
10	---	---	0 B	0.050	0.014	0.027	0	0	0.026	0.018	---	---	10
11	---	---	0 B	0.045	0.012	0.021	0	0	0.020	0.018	---	---	11
12	---	---	0 B	0.044	0.011	0.018	0	0	0.018	0.018	---	---	12
13	---	---	0 B	0.042	0.009	0.018	0.001	0	0.023	0.019	---	---	13
14	---	---	0 B	0.040	0.008	0.016	0	0	0.022	0.019	---	---	14
15	---	---	0 B	0.038	0.008	0.015	0	0	0.024	0.020	---	---	15
16	---	---	0 B	0.036	0.017	0.015	0	0	0.024	0.021	---	---	16
17	---	---	0 B	0.033	0.018	0.014	0	0	0.021	0.0208	---	---	17
18	---	---	0 B	0.030	0.008	0.018	0	0	0.018	0.0178	---	---	18
19	---	---	0 B	0.030	0.005	0.017	0	0	0.017	0.0178	---	---	19
20	---	---	0 B	0.027	0.004	0.016	0	0	0.018	0.0158	---	---	20
21	---	---	0.0108	0.025	0.003	0.013	0	0	0.048	0.0158	---	---	21
22	---	---	0.0608	0.025	0.001	0.011	0	0	0.052	0.0148	---	---	22
23	---	---	0.0908	0.022	0.001	0.008	0	0	0.037	0.0148	---	---	23
24	---	---	0.1088	0.020	0.003	0.005	0	0	0.030	0.0138	---	---	24
25	---	---	0.1028	0.018	0.006	0.005	0	0	0.021	0.0138	---	---	25
26	---	---	0.0528	0.017	0.005	0.003	0	0	0.015	0.0128	---	---	26
27	---	---	0.0458	0.017	0.005	0.001	0	0	0.011	0.0128	---	---	27
28	---	---	0.0598	0.017	0.004	0.001	0	0	0.010	0.0118	---	---	28
29	---	---	0.0908	0.016	0.003	0.001	0	0	0.010	0.0118	---	---	29
30	---	---	0.1138	0.016	0.003	0.001	0	0	0.010	0.0108	---	---	30
31	---	---	0.0908		0.021		0	0		0.0108		---	31
TOTAL	---	---	0.830	1.113	0.312	0.380	0.002	0	0.574	0.450	---	---	TOTAL
MEAN	---	---	0.027	0.037	0.010	0.013	0	0	0.019	0.015	---	---	MEAN
MAX	---	---	0.113	0.073	0.021	0.037	0.001	0	0.052	0.021	---	---	MAX
MIN	---	---	0	0.016	0.001	0	0	0	0	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 015
MAXIMUM DAILY, 0.1138 ON MAR 30
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 05 N
LONG 113 37 46 W
DRAINAGE AREA, 73 3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 17
FEB	---	AUG	0
MAR	71 7	SEP	49 6
APR	96 2	OCT	38 9
MAY	27 0	NOV	---
JUN	32 8	DEC	---

TOTAL DISCHARGE, 316 dam³

MASSY RESERVOIR NEAR ELKWATER - STATION NO 11AB104

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	25 280	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	27 320	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	25 810E	27 690E	28 580E	28 520E	27 170E	24 220E	23 800E	25 330E	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	24 882	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	25 570E	28 070E	28 570E	28 495E	25 650E	24 080E	24 895E	25 660E	---	---	17
18	---	---	---	---	---	---	25 602	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	25 170	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	25 170E	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	28 650E	---	27 800E	---	---	24 920E	---	---	---	26
27	---	---	27 312	---	28 540E	---	24 860E	23 940E	---	25 800E	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	25 510E	---	---	28 538	---	---	---	---	25 832	---	---	29
30	---	---	---	28 605	---	27 540E	24 227	---	25 140E	---	---	---	30
31	---	---	27 485E	---	28 535E	---	24 320E	23 890E	---	25 832E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 04 N
LONG 110 22 12 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 22.6 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAYZHIWIN CREEK ABOVE WARE COULEE - STATION NO. 05CJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1568	0.6568	0.218	5.23	5.34	14.0	2.71	1.57	0.1828	---	1
2	---	---	0.1518	0.6138	0.180	5.71	6.58	9.10	3.01	1.88	0.1758	---	2
3	---	---	0.1728	0.5778	0.278	5.33	6.83	7.37	3.51	2.22	0.1708	---	3
4	---	---	0.1238	0.5538	0.262	5.91	7.15	6.30	3.80	2.50	0.1708	---	4
5	---	---	0.1188	0.5468	0.373	6.57	8.58	5.70	3.57	2.69	0.1758	---	5
6	---	---	0.1388	0.5408	0.345	5.63	9.37	5.18	3.27	2.98	0.1808	---	6
7	---	---	0.1638	0.488	0.304	5.75	9.26	4.58	3.84	3.45	0.1798	---	7
8	---	---	0.1488	0.443	0.309	8.45	10.1	4.12	3.67	3.74	0.1748	---	8
9	---	---	0.1448	0.410	0.287	8.63	9.21	3.85	3.81	3.52	0.1748	---	9
10	---	---	0.1398	0.360	0.287	9.56	8.95	4.00	4.08	3.54	0.1708	---	10
11	---	---	0.1128	0.338	0.351	10.6	8.74	4.35	3.98	4.33	0.1658	---	11
12	---	---	0.0888	0.321	0.618	9.15	8.88	4.60	3.78	4.70	0.1618	---	12
13	---	---	0.0508	0.302	0.644	7.28	9.00	4.69	3.26	4.61	0.1578	---	13
14	---	---	0.0448	0.298	0.710	6.57	9.21	5.14	3.25	4.72	0.1538	---	14
15	---	---	0.0448	0.264	0.718	5.58	9.17	5.02	3.15	4.80	0.1498	---	15
16	---	---	0.0388	0.233	0.926	5.82	9.38	4.78	2.77	4.16	0.1448	---	16
17	---	---	0.0418	0.219	1.53	6.09	9.03	4.69	2.40	1.89 B	0.1408	---	17
18	---	---	0.0538	0.234	1.41	6.25	8.54	4.80	2.08	0.8118	0.1368	---	18
19	---	---	0.1498	0.278	1.38	7.48	8.07	4.67	1.85	0.4038	0.1328	---	19
20	---	---	0.2788	0.317	1.63	8.99	7.81	4.76	1.77	0.3508	0.1278	---	20
21	---	0.0828	0.3468	0.300	1.75	8.24	7.60	4.64	1.98	0.3558	0.1238	---	21
22	---	0.0668	0.5418	0.255	1.68	8.21	8.12	4.23	2.24	0.3908	0.1198	---	22
23	---	0.0508	1.10 B	0.243	1.89	8.02	8.35	3.98	2.26	0.4458	0.1158	---	23
24	---	0.0978	1.21 B	0.234	2.67 A	7.22	8.48	3.88	2.16	0.7188	0.1118	---	24
25	---	0.0848	1.13 B	0.235	4.32 A	5.98	7.45	3.80	2.00	0.627	0.1068	---	25
26	---	0.0858	1.00 B	0.235	4.35	5.08	6.47	3.68	1.56	0.580	0.1028	---	26
27	---	0.1008	0.8148	0.392	4.85 A	4.59	6.47	3.68	2.37	0.5008	0.0988	---	27
28	---	0.2038	1.17 B	0.357	5.62	4.80	7.08	3.86	1.87	0.4508	0.0948	---	28
29	---	0.2138	1.08 B	0.282	5.57	5.58	7.22	3.58	1.51	0.4008	0.0908	---	29
30	---		0.8658	0.212	4.90	5.21	9.93	3.48	1.53	0.3478	0.0858	---	30
31	---		0.8188		4.66		15.7	3.49		0.2508		---	31
TOTAL	---	---	12.405	10.733	55.212	204.07	262.06	153.77	83.30	63.888	4.260	---	TOTAL
MEAN	---	---	0.400	0.358	1.78	6.80	8.45	4.96	2.78	2.05	0.142	---	MEAN
MAX	---	---	1.21	0.656	5.62	10.6	15.7	14.0	4.08	4.80	0.182	---	MAX
MIN	---	---	0.038	0.212	0.180	4.59	5.34	3.48	1.51	0.250	0.085	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 15.7 ON JUL 31
MINIMUM DAILY, 0.0388 ON MAR 16
MAXIMUM INSTANTANEOUS,
17.3 AT 19.38 MST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 40 N
LONG 111 55 10 W
DRAINAGE AREA, 2 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22 500
FEB	---	AUG	13 300
MAR	1 070	SEP	7 200
APR	927	OCT	5 500
MAY	4 770	NOV	368
JUN	17 600	DEC	---

TOTAL DISCHARGE, 73 000 dam³

MCALPINE CREEK (EAST FORK) NEAR ELKWATER LAKE - STATION NO. 05AH043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 0018	0 012	0	0	0	0	0	0	---	---	1
2	---	0 B	0 0018	0 012	0	0	0	0	0	0	---	---	2
3	---	0 B	0 0018	0 012	0	0	0	0	0	0	---	---	3
4	---	0 B	0 0018	0 013	0 001	0	0	0	0	0	---	---	4
5	---	0 B	0 0038	0 013	0 002	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0 013	0 001	0	0	0	0	0	---	---	6
7	---	0 B	0 0038	0 012	0 001	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0 011	0 001	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0 011	0 001	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0 011	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0 008	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0 008	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0 007	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0 008	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0 005	0 001	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0 004	0 002	0	0	0	0	0	---	---	16
17	---	0 B	0 0018	0 001	0	0	0	0	0	0	---	---	17
18	---	0 B	0 0118	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0 0138	0 004	0	0	0	0	0	0	---	---	19
20	---	0 B	0 0118	0 004	0	0	0	0	0	0	---	---	20
21	---	0 B	0 0088	0 001	0	0	0	0	0	0	---	---	21
22	---	0 0028	0 0068	0	0	0	0	0	0	0	---	---	22
23	---	0 0018	0 010	0	0	0	0	0	0	0	---	---	23
24	---	0 0018	0 007	0	0	0	0	0	0	0	---	---	24
25	---	0 0018	0 004	0 001	0	0	0	0	0	0	---	---	25
26	---	0 B	0 005	0 003	0	0	0	0	0	0	---	---	26
27	---	0 B	0 0068	0 002	0	0	0	0	0	0	---	---	27
28	---	0 B	0 0118	0 002	0	0	0	0	0	0	---	---	28
29	---	0 B	0 013	0 001	0	0	0	0	0	0	---	---	29
30	---		0 013	0 001	0	0	0	0		0A		---	30
31	---		0 012		0		0	0				---	31
TOTAL	---	0 005	0 145	0.179	0.010	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0 005	0 006	0	0	0	0	0	0	---	---	MEAN
MAX	---	0 002	0 013	0 013	0 002	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.013B ON MAR 19
MINIMUM DAILY, 0B ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 110 11 03 W
DRAINAGE AREA, 20.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0.43	AUG	0
MAR	12.5	SEP	0
APR	16.5	OCT	0
MAY	0.86	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 29.8 dam³

MCGILLIVRAY CREEK NEAR COLEMAN - STATION NO 05AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 137	0 920E	0 343	0 108	0 055	0 075	---	---	1
2	---	---	---	---	0 126	0 708	0 310	0 126	0 056	0 082	---	---	2
3	---	---	---	---	0 131	0 668	0 283	0 124	0 055	0 088	---	---	3
4	---	---	---	---	0 126	0 656	0 265	0 106	0 055	0 091	---	---	4
5	---	---	---	---	0 127	0 692	0 259	0 095	0 055	0 092	---	---	5
6	---	---	---	---	0 129	0 710	0 250	0 098	0 056	0 089	---	---	6
7	---	---	---	---	0 132	0 788	0 228	0 094	0 059	0 081	---	---	7
8	---	---	---	---	0 146	0 856	0 208	0 084	0 060	0 078	---	---	8
9	---	---	---	---	0 289	0 948	0 197	0 081	0 059	0 074	---	---	9
10	---	---	---	---	0 264	0 902	0 188	0 079	0 058	0 074	---	---	10
11	---	---	---	---	0 234	0 872	0 188	0 081	0 056	0 071	---	---	11
12	---	---	---	---	0 227	0 806	0 178	0 078	0 060	0 068	---	---	12
13	---	---	---	---	0 247	0 875	0 178	0 080	0 057	0 068	---	---	13
14	---	---	---	---	0 350A	1 05	0 169	0 076	0 055	0 070	---	---	14
15	---	---	---	---	0 367A	1 05	0 160	0 073	0 053	0 072	---	---	15
16	---	---	---	---	0 587E	0 911	0 151	0 065	0 050	0 072	---	---	16
17	---	---	---	---	0 585E	0 804	0 148	0 068	0 048	0 070	---	---	17
18	---	---	---	---	0 543E	0 707	0 136	0 067	0 044	0 069	---	---	18
19	---	---	---	---	0 521E	0 659	0 135	0 069	0 045	0 066	---	---	19
20	---	---	---	---	0 498E	0 637	0 127	0 063	0 061	0 060	---	---	20
21	---	---	---	---	0 495E	0 680	0 126	0 064	0 101	0 059	---	---	21
22	---	---	---	---	0 481E	0 615	0 131	0 067	0 088	0 065	---	---	22
23	---	---	---	---	0 486E	0 581	0 118	0 060	0 075	0 065	---	---	23
24	---	---	---	---	0 462A	0 548	0 112	0 058	0 067	0 075	---	---	24
25	---	---	---	---	0 450E	0 532	0 101	0 055	0 068	0 073	---	---	25
26	---	---	---	0 158A	0 418E	0 482	0 105	0 061	0 068	0 077	---	---	26
27	---	---	---	0 148	0 366E	0 453	0 107	0 058	0 062	0 052	---	---	27
28	---	---	---	0 140	0 354A	0 428	0 111	0 064	0 056	0 0348	---	---	28
29	---	---	---	0 137	0 485	0 404	0 120	0 059	0 067	0 0388	---	---	29
30	---		---	0 132	0 710	0 377	0 132	0 058	0 074	0 0428	---	---	30
31	---		---		1 05 E		0 112	0 060		0 0448		---	31
TOTAL	---	---	---	---	11 678	21 483	5 367	2 395	1 824	2 123	---	---	TOTAL
MEAN	---	---	---	---	0 373	0 716	0 173	0 077	0 061	0 068	---	---	MEAN
MAX	---	---	---	---	1 05	1 05	0 343	0 126	0 101	0 092	---	---	MAX
MIN	---	---	---	---	0 126	0 377	0 101	0 056	0 044	0 034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 243
MAXIMUM DAILY, 1 05E ON MAY 31
MINIMUM DAILY, 0 0348 ON OCT 28

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 04 N
LONG 114 31 12 W
DRAINAGE AREA, 32 6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	464
FEB	---	AUG	207
MAR	---	SEP	156
APR	---	OCT	183
MAY	1 000	NOV	---
JUN	1 860	DEC	---

TOTAL DISCHARGE, 3 870 dam³

MCGREGOR LAKE INFLOW NEAR MILO - STATION NO 05AC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	13 6	19 7	34 7	26 9	28 7	33 2	---	---	1
2	---	---	---	0	16 2	25 6	34 4	27 8	28 0	32 9	---	---	2
3	---	---	---	0	16 6	26 6	33 8	28 6	28 1	30 1	---	---	3
4	---	---	---	0	16 8	26 1	33 0	28 8	28 1	28 9	---	---	4
5	---	---	---	0	21 1	29 1	33 8	27 4	27 4	28 6	---	---	5
6	---	---	---	0	22 9	32 0	32 4	27 7	27 5	29 9	---	---	6
7	---	---	---	0	22 8	33 5	32 8	28 6	18 6	29 6	---	---	7
8	---	---	---	0	22 6	35 9	33 9	28 5	19 1	29 8	---	---	8
9	---	---	---	0	22 8	36 6	32 2	28 0	26 5	30 0	---	---	9
10	---	---	---	0	24 7	34 3	31 7	28 3	30 2	29 0	---	---	10
11	---	---	---	0	27 8	32 1	31 3	28 4	28 8	25 5	---	---	11
12	---	---	---	0	30 5	34 2	30 7	28 1	31 1	23 7	---	---	12
13	---	---	---	0	31 2	35 5	30 6	28 3	22 1	22 0	---	---	13
14	---	---	---	0	31 1	35 7	30 7	28 5	28 1	21 1	---	---	14
15	---	---	---	0	28 2	35 2	30 4	28 7	30 8	23 1	---	---	15
16	---	---	---	0	23 8	34 8	30 0	26 1	31 1	20 8	---	---	16
17	---	---	---	0	23 5	34 0	28 5	28 9	31 7	18 9	---	---	17
18	---	---	---	0	26 4	32 2	27 1	28 6	31 5	18 8	---	---	18
19	---	---	---	0	26 9	33 6	25 6	27 1	31 7	19 0	---	---	19
20	---	---	---	0 018	26 9	33 9	23 3	27 0	31 8	18 7	---	---	20
21	---	---	---	3 93	26 7	33 9	18 3	26 8	30 8	18 9	---	---	21
22	---	---	---	10 0	26 7	35 5	18 1	27 6	26 8	18 7	---	---	22
23	---	---	---	10 0	24 6	35 3	17 0	26 2	24 6	18 7	---	---	23
24	---	---	---	8 33	19 2	34 3	19 7	27 6	27 5	18 7	---	---	24
25	---	---	---	12 7	15 6	33 4	21 7	28 6	30 6	18 5	---	---	25
26	---	---	---	17 2	13 8	34 1	21 4	28 6	29 6	17 6	---	---	26
27	---	---	---	16 6	13 7	35 1	21 6	28 6	31 4	11 6	---	---	27
28	---	---	0A	0	13 6	35 2	21 3	27 7	32 6	9 38	---	---	28
29	---	---	0	0	13 4	34 6	22 1	27 3	33 4	8 20E	---	---	29
30	---		0	0	13 3	34 9	23 0	27 4	32 7	6 80E	---	---	30
31	---		0		13 0		26 5	27 0		6 33E		---	31
TOTAL	---	---	---	120 278	674 3	987 1	850 8	867 9	882 0	666 98	---	---	TOTAL
MEAN	---	---	---	4 01	21 8	32 9	27 4	28 0	29 4	21 5	---	---	MEAN
MAX	---	---	---	17 2	31 2	36 6	34 7	28 9	33 7	33 2	---	---	MAX
MIN	---	---	---	0	13 0	19 7	17 0	26 9	18 1	6 33	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 36 6 ON JUN 5
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 20 N
LONG 112 55 25 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	73 600
FEB	---	AUG	76 000
MAR	---	SEP	74 500
APR	10 600	OCT	57 800
MAY	56 600	NOV	---
JUN	65 300	DEC	---

MCGREGOR TRAVERS CANAL NEAR CHAMPION - STATION NO 05AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	16 3	40 0	42 0	49 8	18 2	0	---	---	1
2	---	---	---	0	23 1	43 6	42 0	49 3	18 3	0	---	---	2
3	---	---	---	0	25 5	45 0	44 9	49 1	18 3	0	---	---	3
4	---	---	---	0	25 6	47 5	48 4	49 1	18 3	0	---	---	4
5	---	---	---	0	23 1	48 9	48 2	49 1	18 3	0	---	---	5
6	---	---	---	0	13 4	48 8	48 5	47 0	18 2	0	---	---	6
7	---	---	---	0	11 4	48 8	50 5	43 4	11 8	0	---	---	7
8	---	---	---	0	11 4	48 8	50 5	40 0	8 41	0	---	---	8
9	---	---	---	6 05	11 4	48 7	50 4	35 7	4 47	0	---	---	9
10	---	---	---	15 3	11 5	48 9	50 2	30 9	1 98	0	---	---	10
11	---	---	---	30 9	11 5	48 9	50 0	29 0	0	0	---	---	11
12	---	---	---	33 3	11 8	48 8	52 8	28 9	0	0	---	---	12
13	---	---	---	33 3	11 8	48 5	54 1	28 0	0	0	---	---	13
14	---	---	---	32 9	15 9	48 1	53 9	29 3	0	0	---	---	14
15	---	---	---	32 7	15 9	41 8	53 8	29 3	0	0	---	---	15
16	---	---	---	32 6	15 9	40 3	53 7	25 5	0	0	---	---	16
17	---	---	---	28 2	11 6	40 6	53 5	19 8	0	0	---	---	17
18	---	---	---	11 2	11 7	43 4	53 3	17 7	0	0	---	---	18
19	---	---	---	0 216	11	44 9	53 0	17 8	0	0	---	---	19
20	---	---	---	0 115	11 8	44 9	52 9	18 0	0	0	---	---	20
21	---	---	---	0 085	15 8	45 0	52 8	17 9	0	0	---	---	21
22	---	---	---	0 099	23 8	40 4	52 4	17 5	0	0	---	---	22
23	---	---	---	0 084	26 6	36 6	52 1	18 0	0	0	---	---	23
24	---	---	---	0 100	30 7	36 7	51 9	16 0	0	0	---	---	24
25	---	---	---	0 102	36 4	35 8	51 4	21 0	0	0	---	---	25
26	---	---	---	0 080	36 2	36 8	50 9	22 6	0	0	---	---	26
27	---	---	0	0 068	36 2	36 5	50 7	22 6	0	0	---	---	27
28	---	---	0	0 074	36 0	37 1	50 5	22 6	0	0	---	---	28
29	---	---	0	0 081	37 9	40 3	50 3	22 6	0	0	---	---	29
30	---		0	6 62	37 7	41 9	50 2	22 5	0	0		---	30
31	---		0		37 6		49 9	20 1		0		---	31
TOTAL	---	---	---	269 304	585 3	1 305 7	1 585 6	912 8	122 38	0	---	---	TOTAL
MEAN	---	---	---	8 98	21 5	43 5	50 5	29 4	4 08	0	---	---	MEAN
MAX	---	---	---	33 3	36 2	48 9	54 1	49 6	18 3	0	---	---	MAX
MIN	---	---	---	0	11 4	36 6	42 0	17 7	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22 8
MAXIMUM DAILY, 54 1 ON JUL 13
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 15 N
LONG 112 49 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	135 000
FEB	---	AUG	78 800
MAR	---	SEP	10 500
APR	23 300	OCT	0
MAY	57 500	NOV	---
JUN	113 000	DEC	---

TOTAL DISCHARGE, 418 000 dam³

MCLEOD RIVER ABOVE EMBARRAS RIVER - STATION NO 07AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 748	2 778	2 308	5 478	15 5	34 3	28 5	7 82	4 30	27 9	7 708	4 388	1
2	1 758	2 568	2 368	6 318	16 2	28 9	23 0	7 59	4 33	31 0	8 308	3 098	2
3	1 778	2 468	2 408	6 458	18 1	25 5	20 7	8 15	4 23	40 4	10 4 8	2 788	3
4	1 818	2 518	2 338	6 938	19 2	24 2	19 1	8 67	4 13	59 0	10 5 8	2 908	4
5	1 838	2 388	2 218	7 388	18 3	24 5	18 6	10 1	3 97	70 5	10 4 8	3 058	5
6	2 078	2 228	2 158	8 068	18 0	29 4	18 7	9 06	5 84	86 3	10 1 8	3 708	6
7	2 008	2 218	2 148	8 298	18 3	36 2	18 9	8 71	21 5	87 7	9 408	4 188	7
8	1 878	2 118	2 228	8 288	19 5	47 1	17 1	8 12	32 5	83 1	8 708	5 048	8
9	2 198	2 138	2 208	8 028	22 1	82 7	15 5	7 50	25 8	51 4	8 008	5 458	9
10	2 458	2 208	2 298	8 138	24 7	76 2	14 6	8 94	27 4	48 2	7 708	5 608	10
11	2 508	2 158	2 338	8 108	24 6	63 2	13 8	7 36	35 2	40 8	7 508	5 668	11
12	2 488	2 118	2 368	8 058	23 8	58 1	13 5	6 61	38 3	37 5	7 708	5 248	12
13	2 438	1 998	2 388	8 758	23 3	57 2	15 2	8 32	36 2	34 7	7 308	4 028	13
14	2 408	1 868	2 388	8 738	23 7	55 5	15 8	8 31	32 3	31 3	7 008	4 238	14
15	2 388	1 868	2 288	8 618	25 1	53 0	15 1	8 89	27 8	28 4	6 708	4 358	15
16	2 408	1 758	2 228	14 6 8	33 0	55 7	13 3	6 67	24 4	28 4	7 008	4 358	16
17	2 458	1 618	2 238	25 1 8	59 8	52 6	12 4	6 36	22 4	25 4	6 808	3 738	17
18	2 508	1 678	2 248	27 6 8	61 3	48 9	11 8	5 88	25 7	23 5	7 308	3 248	18
19	2 578	1 858	2 338	27 5	52 5	42 7	11 1	5 60	32 5	23 1	6 408	3 408	19
20	2 618	1 798	2 578	26 0	46 8	40 5	11 0	5 44	33 6	21 4 8	7 898	3 738	20
21	2 648	1 978	2 568	25 6	42 6	38 5	10 8	5 28	30 4	21 0 8	7 318	3 888	21
22	3 688	2 378	2 928	25 0	37 4	36 7	10 7	4 98	32 1	19 6 8	6 828	4 018	22
23	2 688	2 318	3 318	25 6	33 0	45 6	10 7	4 77	55 0	18 7 8	6 558	4 018	23
24	2 698	2 388	3 758	23 1	31 5	41 6	9 98	4 73	49 4	20 0	6 658	4 028	24
25	2 668	2 288	3 868	19 4	29 5	39 0	9 22	4 45	43 8	19 3	7 458	4 008	25
26	2 648	2 418	3 848	17 8	27 3	35 5	8 51	4 26	38 6	18 7	6 188	3 998	26
27	2 638	2 428	3 928	16 8	26 3	33 2	8 22	4 17	33 9	13 2 8	5 198	3 978	27
28	2 668	2 418	4 208	15 8	25 0	30 9	8 18	4 31	30 0	5 888	3 658	3 988	28
29	2 668	2 298	4 438	14 8	24 1	30 5	7 84	4 85	27 9	5 218	3 458	3 988	29
30	2 658		4 378	15 7	26 1	29 4	7 73	4 80	27 2	5 308	4 418	3 958	30
31	2 618		4 738		32 1		7 51	4 43		7 108		3 838	31
TOTAL	74 10	63 05	87 78	446 48	897 8	1 280 4	425 87	197 44	882 20	950 79	217 18	125 88	TOTAL
MEAN	2 39	2 17	2 83	14 8	29 0	43 0	13 7	6 37	29 7	30 7	7 24	4 05	MEAN
MAX	2 95	2 77	4 73	29 0	61 3	82 7	28 5	10 1	82 1	70 5	10 6	5 85	MAX
MIN	1 74	1 61	2 14	5 47	15 5	24 2	7 73	4 17	3 97	5 21	3 45	2 78	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15 4
MAXIMUM DAILY, 82 7 ON JUN 9
MINIMUM DAILY, 1 618 ON FEB 17
MAXIMUM INSTANTANEOUS,
88 7 AT 16 15 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 12 N
LONG 116 37 45 W
DRAINAGE AREA, 2 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 400	JUL	38 000
FEB	5 450	AUG	17 100
MAR	7 580	SEP	74 500
APR	38 400	OCT	82 100
MAY	77 800	NOV	18 800
JUN	111 000	DEC	10 900

TOTAL DISCHARGE, 487 000 dam³

MCLEOD RIVER NEAR CADOMIN - STATION NO. 07AF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.36E	7.12	7.25	3.22	1.45	4.18	---	---	1
2	---	---	---	---	1.40E	6.83	6.53	3.22	1.46	5.88	---	---	2
3	---	---	---	---	1.44A	5.57	5.38	3.49	1.37	11.8	---	---	3
4	---	---	---	---	1.52E	5.46	6.41	3.30	1.31	14.0	---	---	4
5	---	---	---	---	1.80E	6.65	8.55	3.16	1.27	12.0	---	---	5
6	---	---	---	---	1.69E	7.41	6.47	3.10	3.11	9.40	---	---	6
7	---	---	---	---	1.78E	10.4	5.38	2.80	3.88	8.07	---	---	7
8	---	---	---	---	1.88A	20.7	4.83	2.85	3.13	8.12	---	---	8
9	---	---	---	---	2.20	19.3	4.84	2.38	3.53	6.77	---	---	9
10	---	---	---	---	2.00	14.7	4.65	2.19	3.86	6.86	---	---	10
11	---	---	---	---	1.90	17.1	5.04	2.14	3.77	6.12	---	---	11
12	---	---	---	---	1.85	16.3	4.98	2.20	3.89	5.86	---	---	12
13	---	---	---	---	2.00	21.7	5.06	2.10	3.87	5.44	---	---	13
14	---	---	---	---	2.61	21.8	4.92	1.85	3.48	5.03	---	---	14
15	---	---	---	---	3.04	28.0	4.80	1.82	3.36	4.73	---	---	15
16	---	---	---	---	3.76	21.3	4.89	1.81	3.32	4.83	---	---	16
17	---	---	---	---	4.15	14.9	4.82	1.87	5.83	4.15	---	---	17
18	---	---	---	---	4.07	11.2	4.38	1.83	8.67	4.02	---	---	18
19	---	---	---	---	4.00	8.86	4.34	1.78	8.24	3.80	---	---	19
20	---	---	---	---	4.11	6.86	3.83	1.70	6.91	3.098	---	---	20
21	---	---	---	---	4.01	9.10	3.85	1.71	8.36	3.58	---	---	21
22	---	---	---	---	3.28	20.8	3.72	1.62	5.87	2.818	---	---	22
23	---	---	---	---	3.10	19.3	3.59	1.51	5.02	3.24	---	---	23
24	---	---	---	---	3.01	18.0	3.48	1.44	4.61	3.27	---	---	24
25	---	---	---	1.22A	2.84	16.0	3.41	1.38	4.19	3.16	---	---	25
26	---	---	---	---	2.85	13.7	3.57	1.34	2.868	2.308	---	---	26
27	---	---	---	---	2.87	13.4	3.58	1.56	2.848	1.608	---	---	27
28	---	---	---	---	3.02	13.0	3.51	1.65	2.728	1.588	---	---	28
29	---	---	---	---	5.10	12.4	3.36	1.46	3.028	1.708	---	---	29
30	---	---	---	---	8.21	9.48	3.29	1.41	3.74	1.628	---	---	30
31	---		---		11.1		3.29	1.38		1.908		---	31
TOTAL	---	---	---	---	98.85	421.36	146.83	85.45	116.05	184.20	---	---	TOTAL
MEAN	---	---	---	---	3.19	14.0	4.67	2.11	3.87	5.30	---	---	MEAN
MAX	---	---	---	---	11.1	28.0	7.25	3.49	8.67	14.0	---	---	MAX
MIN	---	---	---	---	1.36	5.46	3.29	1.34	1.27	1.58	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 28.0 ON JUN 15

MAXIMUM INSTANTANEOUS,
30.9 AT 08:30 MST ON JUN 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 44 N
LONG 117 11 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	13 500
FEB	---	AUG	5 850
MAR	---	SEP	10 000
APR	---	OCT	14 200
MAY	8 540	NOV	---
JUN	25 400	DEC	---

MCLEOD RIVER NEAR ROSEVEAR - STATION NO. 07AG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	55.9	45.5	11.9	6.25	85.4	20.58	11.8.8	1
2	---	---	---	---	---	54.3	41.1	11.8	7.72	84.9	19.58	12.2.8	2
3	---	---	---	---	---	48.7	36.8	11.8	7.45	88.4	18.28	11.2.8	3
4	---	---	---	---	---	44.9	33.3	12.1	7.40	82.8	20.38	9.698	4
5	---	---	---	---	---	44.3	31.1	13.7	7.43	101	22.08	8.958	5
6	---	---	---	---	---	49.8	30.8	15.2	8.92	104	21.38	8.698	6
7	---	---	---	---	55.6A	83.9	31.4	14.8	15.6	92.8	22.68	8.498	7
8	---	---	---	---	53.3	86.0	31.8	13.8	74.9	82.3	22.38	9.028	8
9	---	---	---	---	53.0	135	28.0	12.6	70.0	77.8	13.88	9.368	9
10	---	---	---	---	55.6	152	26.3	11.7	69.7	73.1	19.68	10 2.8	10
11	---	---	---	---	58.9	124	24.7	11.2	79.7	85.8	17.38	10 6.8	11
12	---	---	---	---	57.1	109	23.8	11.8	92.4	80.0	15.68	10 7.8	12
13	---	---	---	---	54.2	95.9	23.3	12.0	83.8	86.6	14.68	10 6.8	13
14	---	---	---	---	51.7	84.2	24.1	11.7	83.4	83.0	15.98	10 2.8	14
15	---	---	---	---	51.4	88.6	24.3	11.4	71.5	49.7	16.58	9.788	15
16	---	---	---	---	51.3	85.4	23.2	12.3	61.4	46.6	15.38	9.888	16
17	---	---	---	---	138	83.3	21.0	14.5	54.6	44.7	15.18	9.458	17
18	---	---	---	---	201	78.2	19.1	13.3	51.0	44.0	15.38	9.148	18
19	---	---	---	---	165	70.0	17.8	11.7	54.5	40.2	16.08	8.308	19
20	---	---	---	---	135	67.1	17.3	10.7	63.4	37.68	17.98	7.838	20
21	---	---	---	---	111	64.0	17.2	9.88	98.3	39.08	16.18	7.668	21
22	---	---	---	---	94.2	58.8	17.1	9.31	180	37.88	17.28	7.828	22
23	---	---	---	---	80.5	60.8	17.1	9.03	169	39.08	16.18	7.848	23
24	---	---	---	---	72.7	66.8	16.8	8.67	150	42.1	14.28	7.698	24
25	---	---	---	---	66.9	82.2	15.9	8.41	138	41.3	13.98	7.788	25
26	---	---	---	---	63.4	57.9	14.3	8.40	115	39.6	15.28	8.198	26
27	---	---	---	---	59.0	52.8	13.1	8.38	96.8	39.18	15.58	8.438	27
28	---	---	---	---	57.9	48.8	15.5	8.15	83.2	38.88	13.88	8.448	28
29	---	---	---	---	56.3	47.1	13.0	8.09	74.2	15.28	12.18	8.388	29
30	---	---	---	---	52.4	46.8	12.2	8.16	68.5	18.08	11.98	8.238	30
31	---		---	---	53.8		11.6	8.77		18.68		8.178	31
TOTAL	---	---	---	---	---	2 182.1	719.3	345.22	2 182.91	1 683.6	514.1	283.78	TOTAL
MEAN	---	---	---	---	---	73.1	23.2	11.1	72.1	53.7	17.1	9.15	MEAN
MAX	---	---	---	---	---	152	46.5	15.2	180	104	22.6	12.2	MAX
MIN	---	---	---	---	---	44.3	11.6	8.09	7.40	15.2	11.5	7.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 201 ON MAY 18

MAXIMUM INSTANTANEOUS,
212 AT 04:38 MST ON MAY 18

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 49 N
LONG 118 08 42 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	92 100
FEB	---	AUG	29 800
MAR	---	SEP	180 000
APR	---	OCT	144 000
MAY	---	NOV	44 400
JUN	189 000	DEC	24 500

MCLEOD RIVER NEAR WHITECOURT - STATION NO. 07AG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	6 678	19 78	43.3	80 6	48 0	16.4	9 45	81 5	---	---	1
2	---	---	6 678	20 18	41 8	64.6	47 0	16 8	9 27	70 3	---	---	2
3	---	---	6 678	19 38	44 0	58 3	42 6	17.4	9 06	70.3	---	---	3
4	---	---	6 678	19 48	61 0	51 8	37.4	17.8	8 34	75 4	---	---	4
5	---	---	6 678	20 28	70 9	49 2	34.4	17.0	8 17	94 3	---	---	5
6	---	---	6 678	22.58	72.0	45 5	30 6	16 9	8 34	108	---	---	6
7	---	---	6 678	22 48	64 5	62 6	29 5	20 4	11 1	103	---	---	7
8	---	---	6 698	26 58	53 7	101	29.1	20.5	18 4	91 9	26 68	---	8
9	---	---	6 698	32 78	50 9	126	28 0	18.9	81 4	83 1	---	---	9
10	---	---	7 188	35 4	50 8	173	25.2	17 9	67 9	78 5	---	---	10
11	---	---	7 178	31 6	63 9	153	21.9	16 6	74 7	71 4	---	---	11
12	---	---	7 318	26 6	56 6	124	20 6	15.8	85 6	63 6	---	---	12
13	---	---	7 438	26 2	53.0	108	19.7	16 2	96 6	59 6	---	---	13
14	---	---	7 458	28 0	58.5	99 2	18 1	16.7	91.7	57 1	---	---	14
15	---	---	7 488	28 1	55 9	95 8	19.5	17 5	80 2	51 6	---	---	15
16	---	---	7 478	30.2	58.0	88 0	19.8	14.3	89.4	47 8	---	---	16
17	---	---	7 398	35 8	103	87.5	18 9	13 5	60 1	45 4	---	---	17
18	---	---	7 348	50.3	218	83.2	18 7	18 4	56 0	44 8	---	---	18
19	---	---	7 348	85 1	204	77 0	15.3	16 4	52 1	42 1	---	---	19
20	---	---	7 388	88 7	185	69 4	14 8	14 2	82 5	36 0	---	---	20
21	---	---	7 618	64 7	138	67 3	14 7	13.3	82 0	37 8	---	---	21
22	---	---	8 398	64 2	117	63 9	14 4	12 5	158	40 3	---	---	22
23	---	---	9 468	66 1	102	58 1	13 8	11 9	214	38 3	---	---	23
24	---	---	11 0 8	62 8	90 4	65 6	15.7	11.2	188	38 6	---	---	24
25	---	---	12 6 8	57.0	84.3	97 6	17 4	11 4	152	40 0	---	---	25
26	---	---	15 6 8	50.8	78 9	81 4	16.8	10 8	141	39.68	---	---	26
27	---	---	16 9 8	45.6	72.0	55 9	15 4	10 8	122	35 88	---	---	27
28	---	---	16 3 8	44 1	87 2	50 3	18.5	10 4	107	32 08	---	---	28
29	---	---	16 8 8	42 5	66 5	46 4	20.1	10 0	94 2	29 08	---	---	29
30	---		16 4 8	43.3	63 7	49 4	18 0	9 53	88 4	27 58	---	---	30
31	---		18 9 8		60.8		18 8	9 28		27 08		---	31
TOTAL	---	---	293 17	1 166 4	2 584.8	2 387 8	719.8	480 71	2 317.33	1 783.3	---	---	TOTAL
MEAN	---	---	9 46	38 9	83 4	79 9	23 2	14.9	77 2	55 9	---	---	MEAN
MAX	---	---	18 9	66 7	218	173	48 0	20 5	214	108	---	---	MAX
MIN	---	---	6 67	19 2	41 8	46.4	13.8	9.28	8 17	27 0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.7
MAXIMUM DAILY, 218 ON MAY 16
MINIMUM DAILY, 6 678 ON MAR 1
MAXIMUM INSTANTANEOUS,
239 AT 17:40 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 46 N
LONG 115 50 18 W
DRAINAGE AREA, 9 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	62 200
FEB	---	AUG	38 800
MAR	25 300	SEP	200 000
APR	101 000	OCT	152 000
MAY	223 000	NOV	---
JUN	205 000	DEC	---

TOTAL DISCHARGE, 1 010 000 dam³

MCLEOD RIVER NEAR WOLF CREEK - STATION NO 07AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 708	5 558	4 208	9 158	---	---	---	---	---	---	---	---	1
2	3 658	5 408	4 508	9 188	---	---	---	---	---	---	---	---	2
3	3 758	5 208	4 758	9 468	---	---	---	---	---	---	---	---	3
4	3 908	4 808	4 708	11 8 8	---	---	---	---	---	---	---	---	4
5	4 258	4 608	4 658	17 5 8	---	---	---	---	---	---	---	---	5
6	4 808	4 358	4 508	21 1 8	---	---	---	---	---	---	---	---	6
7	5 008	4 208	4 458	33 0 8	---	---	---	---	---	---	---	---	7
8	4 708	3 908	4 508	33 9 8	---	---	---	---	---	---	---	---	8
9	4 208	4 208	4 708	41 1 8	---	---	---	---	---	---	---	---	9
10	4 008	4 258	4 658	38 3 8	---	---	---	---	---	---	---	---	10
11	4 258	4 108	4 508	24 6 8	---	---	---	---	---	---	---	---	11
12	4 158	3 908	4 458	30 4 8	---	---	---	---	---	---	---	---	12
13	4 008	3 608	4 408	41 7 8	---	---	---	---	---	---	---	---	13
14	3 908	3 508	4 308	---	---	---	---	---	---	---	---	---	14
15	4 008	3 308	4 408	---	---	---	---	---	---	---	---	---	15
16	4 058	3 258	4 608	---	---	---	---	---	---	---	---	---	16
17	4 058	3 208	5 008	---	---	---	---	---	---	---	---	---	17
18	4 158	3 258	5 308	---	---	---	---	---	---	---	---	---	18
19	4 258	3 408	5 608	---	---	---	---	---	---	---	---	---	19
20	4 308	3 608	5 708	---	---	---	---	---	---	---	---	---	20
21	4 508	4 008	6 008	---	---	---	---	---	---	---	---	---	21
22	4 708	4 258	6 258	---	---	---	---	---	---	---	---	---	22
23	4 608	4 258	6 408	---	---	---	---	---	---	---	---	---	23
24	4 708	4 408	6 708	---	---	---	---	---	---	---	---	---	24
25	4 408	4 508	6 808	---	---	---	---	---	---	---	---	---	25
26	4 208	4 408	6 708	---	---	---	---	---	---	---	---	---	26
27	4 108	4 308	6 558	---	---	---	---	---	---	---	---	---	27
28	4 308	4 258	6 908	---	---	---	---	---	---	---	---	---	28
29	4 608	4 158	7 588	---	---	---	---	---	---	---	---	---	29
30	4 908		8 898	---	---	---	---	---	---	---	---	---	30
31	5 208		9 368		---		---	---		---		---	31
TOTAL	133 46	120 12	171 96	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	4 31	4 14	5 55	---	---	---	---	---	---	---	---	---	MEAN
MAX	5 20	5 58	9 36	---	---	---	---	---	---	---	---	---	MAX
MIN	3 65	3 20	4 20	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 15 N
LONG 116 16 50 W

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	---
FEB	10 400	AUG	---
MAR	14 800	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

MEADOW CREEK NEAR THE MOUTH - STATION NO 05AB029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0 001	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 003	0 001	0	0	0	0	0	---	---	6
7	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	7
8	---	---	0 B	0 003	0 001	0	0	0	0	0	---	---	8
9	---	---	0 B	0 002A	0 001	0	0	0	0	0	---	---	9
10	---	---	0 B	0 A	0 001	0 013	0	0	0	0	---	---	10
11	---	---	0 B	0 001	0 001	0 014	0	0	0	0	---	---	11
12	---	---	0 B	0 001	0 001	0 007	0	0	0	0	---	---	12
13	---	---	0 B	0	0 001	0 002	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0 001	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0 003	0	0	0	0	0	---	---	16
17	---	---	0 B	0 002	0 008	0	0	0	0	0	---	---	17
18	---	---	0 B	0 012	0 005	0	0	0	0	0	---	---	18
19	---	---	0 B	0 00E	0 001	0	0	0	0	0	---	---	19
20	---	---	0 B	0 008	0 001	0	0	0	0	0	---	---	20
21	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	21
22	---	---	0 027	0 001	0	0	0	0	0	0	---	---	22
23	---	---	0 019	0 006	0	0 002	0	0	0	0	---	---	23
24	---	---	0 018	0 004	0	0 008	0	0	0	0	---	---	24
25	---	---	0 013	0 001	0	0 001	0	0	0	0	---	---	25
26	---	---	0 004	0 002	0	0	0	0	0	0	---	---	26
27	---	---	0 001	0 001	0	0	0	0	0	0	---	---	27
28	---	---	0	0 002	0 002	0	0	0	0	0	---	---	28
29	---	0E	0	0 001	0 005	0	0	0	0	0A	---	---	29
30	---		0	0 001	0 002	0	0	0	0	0E	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0 082	0 071	0 037	0 048	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 003	0 002	0 001	0 002	0	0	0	0	---	---	MEAN
MAX	---	---	0 027	0 012	0 008	0 014	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 001
MAXIMUM DAILY 0 027 ON MAR 22
MINIMUM DAILY 0E ON MAR 1
MAXIMUM INSTANTANEOUS
0 143 AT 12 55 MST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 15 N
LONG 113 39 43 W
DRAINAGE AREA 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	7 08	SEP	0
APR	6 13	OCT	0
MAY	3 20	NOV	---
JUN	4 15	DEC	---

TOTAL DISCHARGE 20 6 dam³

MEANDER RIVER AT OUTLET OF MUTCH LAKE - STATION NO 07OB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0188	0 0758	0 008E	0 446	1 78	0 468	0 195	0 766	0 4358	---	1
2	---	---	0 0188	0 0858	0 004A	0 494	4 44	0 401	0 702	0 809	---	---	2
3	---	---	0 0178	0 0908	0 004	0 512	5 52	0 386	1 27	0 682	---	---	3
4	---	---	0 0178	0 1008	0 005	0 558	5 55	0 336	1 56	0 606	---	---	4
5	---	---	0 0168	0 1198	0 006	0 492	5 43	0 299	1 61	0 533	---	---	5
6	---	---	0 0168	0 1308	0 006	0 396	5 15	0 393	1 69	0 534	---	---	6
7	---	---	0 0158	0 1408	0 006	0 297	4 78	0 789	1 67	0 504	---	---	7
8	---	---	0 0128	0 1328	0 006	0 142	5 21	0 980	1 59	0 478	---	---	8
9	---	---	0 0108	0 1248	0 006	0 083	5 45	1 02	1 55	0 498	---	---	9
10	---	---	0 00BE	0 110A	0 007	0 031	5 04	0 801	1 45	0 527	---	---	10
11	---	---	0 0058	0 102	0 007	0 025	4 48	0 638	1 33	0 546	---	---	11
12	---	---	0 0038	0 091	0 008	0 020	3 94	0 482	1 22	0 559	---	---	12
13	---	---	0 0058	0 085	0 009	0 012	3 34	0 365	1 11	0 561	---	---	13
14	---	---	0 0068	0 075	0 010	0 006	3 32	0 243	1 02	0 549	---	---	14
15	---	---	0 0068	0 069	0 010	0 002	3 26	0 105	0 948	0 574	---	---	15
16	---	---	0 0078	0 067	0 011	0	3 12	0 054	0 885	0 563	---	---	16
17	---	---	0 0108	0 064	0 012	0	2 72	0 020	0 823	0 555	---	---	17
18	---	---	0 0178	0 055	0 022	0	2 53	0 016	0 784	0 6238	---	---	18
19	---	---	0 0218	0 047	0 053	0 001	2 15	0 014	0 721	0 6398	---	---	19
20	---	---	0 0238	0 032	0 208	0 002	1 98	0 014	0 891	0 6248	---	---	20
21	---	---	0 0248	0 024	0 263	0 003	1 82	0 012	0 863	0 6008	---	---	21
22	---	---	0 0258	0 024	0 397	0 004	1 70	0 012	0 781	0 6078	---	---	22
23	---	---	0 0258	0 022	0 728	0 009	1 62	0 010	0 713	0 6068	---	---	23
24	---	---	0 0268	0 020	0 748	0 014	1 39	0 009	1 07	0 5868	---	---	24
25	---	---	0 0288	0 018E	0 772	0 018	1 25	0 008	0 892	0 6138	---	---	25
26	---	---	0 0278	0 018E	0 684	0 018	1 08	0 006	0 803	0 6038	---	---	26
27	---	---	0 0288	0 014E	0 628	0 019	0 932	0 006	0 679	0 5908	---	---	27
28	---	---	0 0328	0 012E	0 549	0 020	0 808	0 008	0 576	0 5598	---	---	28
29	---	---	0 0428	0 010E	0 485	0 035	0 883	0 020	0 506	0 5268	---	---	29
30	---	---	0 0508	0 008E	0 405	0 474	0 808	0 059	0 450	0 4978	---	---	30
31	---	---	0 0558		0 411		0 522	0 112		0 4868		---	31
TOTAL	---	---	0 631	1 958	5 474	4 108	91 593	8 061	30 462	17 997	---	---	TOTAL
MEAN	---	---	0 020	0 065	0 209	0 137	2 95	0 260	1 02	0 581	---	---	MEAN
MAX	---	---	0 055	0 140	0 772	0 556	5 55	1 02	1 69	0 809	---	---	MAX
MIN	---	---	0 003	0 008	0 004	0	0 522	0 006	0 195	0 465	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 556
MAXIMUM DAILY 5 55 ON JUL 4
MINIMUM DAILY 0 ON JUN 15
MAXIMUM INSTANTANEOUS
5 65 AT 15 30 MST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 46 15 N
LONG 117 23 05 W
DRAINAGE AREA 507 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 910
FEB	---	AUG	698
MAR	94 5	SEP	2 630
APR	169	OCT	1 550
MAY	559	NOV	---
JUN	355	DEC	---

TOTAL DISCHARGE 13 900 dam³

MEDICINE RIVER NEAR ECKVILLE - STATION NO 05CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 3158	0 3308	0 3578	13 0 B	1 08	2 13	0 822	0 308	0 008	1 14	0 6778	0 3148	1
2	0 3208	0 3388	0 3788	12 2 B	0 975	2 16	0 427	0 339	0 020	1 08	0 6328	0 2708	2
3	0 3138	0 3438	0 4008	11 7 B	1 08	2 38	0 368	0 329	0 057	1 03	0 6408	0 2018	3
4	0 2858	0 3498	0 3958	10 8 B	1 43	2 06	0 302	0 334	0 094	1 03	0 6358	0 2118	4
5	0 2808	0 3568	0 3898	9 858	4 85	1 57	0 325	0 327	0 072	1 18	0 6288	0 2788	5
6	0 2858	0 3578	0 3858	8 708	5 87	1 33	0 312	0 300	0 148	1 05	0 6238	0 2588	6
7	0 2778	0 3568	0 3858	4 808	5 87	1 28	0 223	0 142	0 268	1 14	0 6118	0 2368	7
8	0 2768	0 3458	0 3858	4 308	5 88	1 41	0 128	0 083	0 331	1 10	0 3988	0 2858	8
9	0 2838	0 3388	0 3858	3 908	4 91	2 28	0 071	0 015	0 553	1 05	0 3618	0 3418	9
10	0 3008	0 3228	0 3838	3 67	4 22	5 51	0 050	0 012	0 822	0 933	0 3858	0 3478	10
11	0 3138	0 3128	0 3788	3 25	3 94	7 33	0 112	0 026	0 819	0 876	0 3638	0 3058	11
12	0 3198	0 3038	0 3688	2 82	3 82	6 84	0 185	0 003	0 828	0 983	0 3988	0 2018	12
13	0 3188	0 2988	0 3608	2 53	3 90	5 18	0 130	0 011	0 729	1 08	0 4228	0 0698	13
14	0 3008	0 2888	0 3528	2 32	3 33	3 66	0 081	0 028	0 718	1 00	0 4318	0 0598	14
15	0 2788	0 2768	0 3458	2 18	3 04	2 82	0 231	0 024	0 830	0 957	0 4278	0 0648	15
16	0 2508	0 2708	0 3428	2 05	3 15	2 54	0 189	0 018	0 591	0 989	0 4208	0 0528	16
17	0 2398	0 2858	0 3438	2 00	4 47	2 27	0 124	0 028	0 588	0 9708	0 4188	0 0458	17
18	0 2858	0 2588	0 3458	1 92	5 15	2 27	0 088	0 037	0 551	0 8738	0 4658	0 0328	18
19	0 3258	0 2558	0 3508	1 90	5 48	2 31	0 053	0 034	0 511	0 9108	0 4988	0 0528	19
20	0 3588	0 2558	0 3588	2 12	5 41	2 26	0 123	0 027	0 457	0 9508	0 4748	0 0808	20
21	0 4058	0 2728	0 3678	2 37	4 43	2 20	0 156	0 033	0 570	1 12 B	0 4448	0 1068	21
22	0 4358	0 3108	0 3808	2 10	3 67	2 21	0 220	0 052	3 819	1 35 B	0 2638	0 1158	22
23	0 4408	0 3278	0 3978	1 85	3 18	1 94	0 226	0 017	1 81	1 28 B	0 3958	0 1838	23
24	0 4338	0 3278	0 4458	1 80	2 87	1 80	0 157	0 022	2 28	1 02 B	0 4048	0 2648	24
25	0 4178	0 3188	0 8508	1 74	2 85	1 55	0 188	0 019	2 44	0 9658	0 4048	0 2738	25
26	0 4058	0 3158	3 25 B	1 81	3 14	1 25	0 186	0 031	2 15	0 9158	0 3898	0 2618	26
27	0 3858	0 3188	5 87 B	1 50	3 34	0 982	0 214	0 032	1 78	0 8908	0 3768	0 2648	27
28	0 3708	0 3458	10 3 B	1 34	3 15	0 834	0 252	0 022	1 40	0 8358	0 3788	0 2588	28
29	0 3678	0 3398	10 4 B	1 21	2 71	0 853	0 288	0 012	1 27	0 8008	0 3858	0 2418	29
30	0 3428		11 3 B	1 20	2 32	0 695	0 300	0 008	1 18	0 7558	0 3408	0 1198	30
31	0 3308		13 5 B		2 22		0 343	0 003		0 7188		0 0408	31
TOTAL	10 257	9 078	84 444	120 45	113 595	73 854	6 565	2 573	24 819	30 927	13 427	5 937	TOTAL
MEAN	0 331	0 313	2 08	4 02	3 66	2 46	0 211	0 083	0 821	0 998	0 448	0 192	MEAN
MAX	0 440	0 357	13 5	13 0	5 48	7 33	0 522	0 339	2 44	1 35	0 677	0 347	MAX
MIN	0 239	0 255	0 342	1 20	0 975	0 695	0 050	0 003	0 008	0 715	0 340	0 032	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 30
MAXIMUM DAILY, 13 58 ON MAR 31
MINIMUM DAILY, 0 003 ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 114 20 33 W
DRAINAGE AREA 1 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	885	JUL	565
FEB	784	AUG	222
MAR	5 570	SEP	2 130
APR	10 400	OCT	2 670
MAY	9 810	NOV	1 160
JUN	6 380	DEC	513

TOTAL DISCHARGE, 41 100 dam³

MEETING CREEK NEAR THE MOUTH - STATION NO 05FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0108	0 5628	0 081	0	0 005	0A	0 E	0 017E	---	---	1
2	---	---	0 0128	0 5628	0 053	0	0 006	0E	0 E	0 018E	---	---	2
3	---	---	0 0138	0 4538	0 048	0	0 004	0E	0 E	0 015E	---	---	3
4	---	---	0 0158	0 3998	0 042	0	0 003A	0E	0 E	0 014E	---	---	4
5	---	---	0 0188	0 3518	0 103	0	0 E	0E	0 E	0 013E	---	---	5
6	---	---	0 0158	0 2728	0 076	0	0 E	0E	0 001E	0 012E	---	---	6
7	---	---	0 0148	0 2588	0 059	0	0 E	0E	0 001E	0 012E	---	---	7
8	---	---	0 0138	0 2058	0 053	0	0 E	0E	0 001E	0 011E	---	---	8
9	---	---	0 0118	0 151	0 045	0 001	0 E	0E	0 001E	0 010E	---	---	9
10	---	---	0 0108	0 150	0 038	0 039	0 E	0E	0 002E	0 009E	---	---	10
11	---	---	0 0088	0 182	0 030	0 024	0 E	0E	0 002E	0 008E	---	---	11
12	---	---	0 0078	0 200	0 023	0 014	0 E	0E	0 002E	0 009E	---	---	12
13	---	---	0 0058	0 203	0 018	0 007	0 E	0E	0 003E	0 010E	---	---	13
14	---	---	0 0058	0 193	0 014	0 005	0 E	0E	0 004E	0 008E	---	---	14
15	---	---	0 0048	0 214	0 009	0 004	0 E	0E	0 005E	0 005E	---	---	15
16	---	---	0 0058	0 192	0 010	0 006	0 E	0E	0 006E	0 004E	---	---	16
17	---	---	0 0068	0 184	0 008	0 003	0 E	0E	0 008E	0 002E	---	---	17
18	---	---	0 0078	0 168	0 006	0 001	0 E	0E	0 011E	0 002E	---	---	18
19	---	---	0 0078	0 216	0 005	0 012	0 E	0E	0 010E	0 002E	---	---	19
20	---	---	0 0088	0 191	0 002	0 022	0 E	0E	0 009E	0 001E	---	---	20
21	---	---	0 0098	0 157	0 002	0 016	0 E	0E	0 009E	0 001E	---	---	21
22	---	---	0 0208	0 148	0 003	0 012	0 E	0E	0 008E	0 003E	---	---	22
23	---	---	0 1628	0 138	0 006	0 011	0 E	0E	0 008E	0 004E	---	---	23
24	---	---	0 2458	0 127	0 007	0 010	0 E	0E	0 009E	0 004E	---	---	24
25	---	---	0 2388	0 111	0 008	0 010	0 E	0E	0 010E	0 005E	---	---	25
26	---	---	0 1638	0 095	0 007	0 010	0 E	0E	0 010A	0 007B	---	---	26
27	---	---	0 2358	0 082	0 007	0 008	0 E	0E	0 020E	0 009B	---	---	27
28	---	---	0 3258	0 076	0 007	0 002	0 E	0E	0 040E	0 010B	---	---	28
29	---	---	0 5228	0 075	0 004	0 007	0 E	0A	0 030E	0 011B	---	---	29
30	---	---	0 5508	0 089	0 003	0 008	0 E	0E	0 020E	0 010B	---	---	30
31	---	---	0 5618		0 001		0 E	0E		0 008B		---	31
TOTAL	---	---	3 342	6 381	0 757	0 230	0 016	0	0 230	0 252	---	---	TOTAL
MEAN	---	---	0 105	0 213	0 024	0 008	0 001	0	0 008	0 008	---	---	MEAN
MAX	---	---	0 561	0 562	0 103	0 039	0 006	0	0 040	0 017	---	---	MAX
MIN	---	---	0 004	0 069	0 001	0	0	0	0	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 045
MAXIMUM DAILY, 0 5628 ON APR 1
MINIMUM DAILY, 0 ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 10 N
LONG 112 24 40 W
DRAINAGE AREA, 1 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 55
FEB	---	AUG	0
MAR	280	SEP	19 9
APR	551	OCT	21 8
MAY	65 4	NOV	---
JUN	19 9	DEC	---

TOTAL DISCHARGE, 980 dam³

MICHEL RESERVOIR NEAR ELKWATER - STATION NO. 11AB001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	302 847	---	---	2
3	---	---	---	---	---	---	303 350	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	302 872E	302 780E	303 485E	303 455E	303 330E	303 030E	302 850E	302 846E	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	302 876	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	302 588	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	302 820E	302 780E	303 492E	303 415E	303 265E	302 985E	302 850E	302 844E	---	---	16
17	---	---	---	---	---	---	303 280	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	302 559	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	302 558E	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	303 500E	---	303 375E	---	---	302 850E	---	---	---	26
27	---	---	302 788	---	303 480E	---	303 105E	302 935E	---	302 842E	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	302 565E	---	---	303 489	---	---	---	---	302 842	---	---	29
30	---	---	---	303 500	---	303 360E	303 082	---	302 848E	---	---	---	30
31	---	---	302 770E	---	303 480E	---	303 055E	302 915E	---	302 842E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 31 34 N
LONG 110 22 07 W

E - ESTIMATED

REGULATED

DRAINAGE AREA
22 5 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

REMARKS - DATA BEFORE 1983 PUBLISHED UNDER THE NAME "MICHELE RESERVOIR NEAR ELKWATER"

MICHICHI CREEK AT DRUMHELLER - STATION NO. 05CE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 458B	0 037	0 014	0	0 286	0	0	---	---	1
2	---	---	0 B	0 450B	0 012	0 011	0	0 251	0	0	---	---	2
3	---	---	0 B	0 352	0 020	0 006	0	0 232	0	0	---	---	3
4	---	---	0 B	0 273	0 040	0 003	0	0 225	0	0	---	---	4
5	---	---	0 B	0 229	0 030	0 001	0	0 182	0	0	---	---	5
6	---	---	0 B	0 208	0 080	0 044	0	0 133	0	0	---	---	6
7	---	---	0 B	0 195	0 040	0 058	0	0 132	0 091	0	---	---	7
8	---	---	0 B	0 168	0 020	0 162	0	0 136	0 074	0 022	---	---	8
9	---	---	0 B	0 177	0 010E	0 119	0	0 084	0 040	0 060	---	---	9
10	---	---	0 B	0 152	0 005A	0 083	0	0 082	0 078	0 040	---	---	10
11	---	---	0 B	0 110	0 004	0 057	0	0 085	0 137	0 023	---	---	11
12	---	---	0 B	0 028A	0 005	0 052	0	0 080	0 176	0 005E	---	---	12
13	---	---	0 B	0 035	0 013	0 030	0	0 058	0 065	0	---	---	13
14	---	---	0 B	0 039	0 019	0 004	0	0 059	0	0	---	---	14
15	---	---	0 B	0 046	0 021	0	0	0 058	0	0	---	---	15
16	---	---	0 B	0 060	0 018	0	0	0 046	0	0	---	---	16
17	---	---	0 B	0 040	0 023	0	0	0 040	0	0	---	---	17
18	---	---	0 B	0 059	0 027	0	0	0 048	0	0	---	---	18
19	---	---	0 B	0 102	0 027	0	0	0 045	0	0	---	---	19
20	---	---	0 B	0 084	0 028	0	0 004	0 028	0 058	0	---	---	20
21	---	---	0 B	0 080	0 028	0	0 025E	0 023	0 185	0	---	---	21
22	---	---	0 240B	0 091	0 028	0 058	0 058E	0 023	0 136	0	---	---	22
23	---	---	0 373B	0 103	0 024	0 052	0 034E	0 021	0 080	0 011	---	---	23
24	---	---	0 900B	0 118	0 026	0 028	0 030E	0 023	0 093	0 036	---	---	24
25	---	---	1 28 B	0 112	0 027	0 016	0 025E	0 018	0 088	0 100	---	---	25
26	---	---	1 08 B	0 113	0 026	0 011	0 040E	0 008	0 060	0 0888	---	---	26
27	---	---	0 850B	0 113	0 022	0 005	0 050E	0 003	0 025	0 0558	---	---	27
28	---	08	0 558B	0 104	0 021	0	0 050E	0	0	0 0508	---	---	28
29	---	08	0 520B	0 087	0 018	0	0 100E	0	0	0 0678	---	---	29
30	---		0 500B	0 054	0 013	0	0 459A	0	0	0 0888	---	---	30
31	---		0 485B		0 012		0 308	0		0 0858		---	31
TOTAL	---	---	5 763	4 259	0 702	0 900	1 186	2 427	1 386	0 710	---	---	TOTAL
MEAN	---	---	0 218	0 142	0 023	0 030	0 038	0 078	0 046	0 023	---	---	MEAN
MAX	---	---	1 28	0 458	0 080	0 162	0 459	0 286	0 185	0 100	---	---	MAX
MIN	---	---	0	0 028	0 004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 075
MAXIMUM DAILY, 1 280 ON MAR 25
MINIMUM DAILY, 08 OK MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 17 N
LONG 112 42 59 W
DRAINAGE AREA, 1 140 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	103
FEB	---	AUG	210
MAR	584	SEP	120
APR	386	OCT	61 3
MAY	60 7	NOV	---
JUN	77 8	DEC	---

TOTAL DISCHARGE, 1 580 dam³

MIDDLE CREEK NEAR THE SASKATCHEWAN BOUNDARY - STATION NO 11AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008	0.007	0.008	0.007	0.002	0.001	0.002	0.003	---	---	1
2	---	---	0.010	0.009	0.008	0.007	0.002	0.001	0.001	0.003	---	---	2
3	---	---	0.008	0.013	0.008	0.006	0.002	0.001	0.002	0.002	---	---	3
4	---	---	0.008	0.018	0.008	0.005	0.002	0	0.002	0.002	---	---	4
5	---	---	0.008	0.018	0.008	0.006	0.002	0	0.001	0.001	---	---	5
6	---	---	0.008	0.018	0.007	0.006	0.002	0	0.001	0.001	---	---	6
7	---	---	0.008	0.018	0.007	0.005	0.002	0	0.002	0.001	---	---	7
8	---	---	0.007	0.011	0.007	0.005	0.001	0	0.002	0.001	---	---	8
9	---	---	0.008	0.011	0.006	0.006	0.001	0	0.002	0.001	---	---	9
10	---	---	0.009	0.011	0.006	0.007	0.001	0	0.002	0.001	---	---	10
11	---	---	0.008	0.008	0.007	0.007	0.002	0	0.002	0.001	---	---	11
12	---	---	0.008	0.007	0.008	0.007	0.001	0.001	0.002	0.001	---	---	12
13	---	---	0.007	0.007	0.008	0.006	0.001	0.001	0.002	0.002	---	---	13
14	---	---	0.008	0.007	0.008	0.006	0.002	0.001	0.002	0.002	---	---	14
15	---	0.007A	0.008	0.007	0.011	0.007	0.002	0.001	0.002	0.002	---	---	15
16	---	0.007	0.008	0.008	0.013	0.006	0.002	0	0.002	0.002	---	---	16
17	---	0.007	0.008	0.008	0.010	0.005	0.002	0.001	0.002	0.002	---	---	17
18	---	0.007	0.007	0.008	0.008	0.005	0.002	0.001	0.002	0.0028	---	---	18
19	---	0.007	0.010	0.010	0.007	0.005	0.001	0.001	0.002	0.0018	---	---	19
20	---	0.007	0.020	0.009	0.007	0.005	0.001	0.001	0.002	0.0028	---	---	20
21	---	0.011	0.018	0.008	0.007	0.006	0.001	0.001	0.003	0.0028	---	---	21
22	---	0.010	0.024	0.008	0.008	0.007	0	0.001	0.002	0.0028	---	---	22
23	---	0.008	0.027	0.008	0.008	0.006	0.001	0.001	0.002	0.0028	---	---	23
24	---	0.008	0.026	0.008	0.008	0.005	0.001	0.001	0.002	0.0028	---	---	24
25	---	0.008	0.014	0.008	0.008	0.004	0	0.001	0.002	0.0028	---	---	25
26	---	0.008	0.013	0.007	0.008	0.003	0	0.001	0.002	0.0028	---	---	26
27	---	0.008	0.008	0.007	0.009	0.003	0.001	0.001	0.002	0.0028	---	---	27
28	---	0.008	0.007	0.007	0.009	0.002	0.001	0	0.003	0.0028	---	---	28
29	---	0.008	0.011	0.008	0.009	0.002	0.001	0.001	0.003	0.0028	---	---	29
30	---		0.010	0.008	0.009	0.002	0.001	0.001	0.003	0.0028	---	---	30
31	---		0.007		0.008		0.001	0.001		0.0028		---	31
TOTAL	---	---	0.334	0.286	0.253	0.159	0.041	0.021	0.061	0.055	---	---	TOTAL
MEAN	---	---	0.011	0.010	0.008	0.005	0.001	0.001	0.002	0.002	---	---	MEAN
MAX	---	---	0.027	0.018	0.013	0.007	0.002	0.001	0.003	0.003	---	---	MAX
MIN	---	---	0.005	0.007	0.006	0.002	0	0	0.001	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.027 ON MAR 23
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
0.056 AT 20:45 CST ON MAR 23

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 29 N
LONG 110 03 09 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.54
FEB	---	AUG	1.81
MAR	28.9	SEP	5.27
APR	24.7	OCT	4.75
MAY	21.9	NOV	---
JUN	13.7	DEC	---

TOTAL DISCHARGE, 105 dam³

MIDDLE FORK CREEK IN CIROUE NEAR SEEBE - STATION NO 05BF020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.049B	0.080	0.015E	0.007	0.008	---	---	1
2	---	---	---	---	---	0.039	0.052	0.015A	0.008	0.008	---	---	2
3	---	---	---	---	---	0.032	0.049	0.015	0.008	0.009A	---	---	3
4	---	---	---	---	---	0.031	0.048	0.014	0.009	---	---	---	4
5	---	---	---	---	---	0.034	0.048	0.013	0.009	---	---	---	5
6	---	---	---	---	---	0.038	0.049	0.012	0.009	---	---	---	6
7	---	---	---	---	---	0.044	0.049	0.011	0.009	---	---	---	7
8	---	---	---	---	---	0.048	0.048	0.011	0.009	---	---	---	8
9	---	---	---	---	---	0.045	0.046	0.010	0.009	---	---	---	9
10	---	---	---	---	---	0.043	0.045	0.009	0.008	---	---	---	10
11	---	---	---	---	---	0.040	0.045	0.009	0.008	---	---	---	11
12	---	---	---	---	---	0.052	0.045	0.008	0.008	---	---	---	12
13	---	---	---	---	---	0.075	0.044	0.008	0.008	---	---	---	13
14	---	---	---	---	---	0.091	0.042	0.007	0.008	---	---	---	14
15	---	---	---	---	---	0.094	0.040A	0.008	0.008	---	---	---	15
16	---	---	---	---	---	0.077	0.038E	0.008	0.007	---	---	---	16
17	---	---	---	---	---	0.074	0.037E	0.008	0.007	---	---	---	17
18	---	---	---	---	---	0.084	0.035E	0.008	0.007	---	---	---	18
19	---	---	---	---	---	0.055	0.033E	0.007	0.008	---	---	---	19
20	---	---	---	---	---	0.050	0.033E	0.008	0.008	---	---	---	20
21	---	---	---	---	---	0.048	0.033E	0.008	0.009	---	---	---	21
22	---	---	---	---	---	0.047	0.028E	0.008	0.008	---	---	---	22
23	---	---	---	---	---	0.045	0.024E	0.008	0.008	---	---	---	23
24	---	---	---	---	---	0.045	0.021E	0.007	0.008	---	---	---	24
25	---	---	---	---	---	0.048	0.019E	0.007	0.009	---	---	---	25
26	---	---	---	---	---	0.050	0.018E	0.008	0.009	---	---	---	26
27	---	---	---	---	---	0.052	0.020E	0.007	0.008	---	---	---	27
28	---	---	---	---	---	0.054	0.019E	0.007	0.009	---	---	---	28
29	---	---	---	---	0.038B	0.061	0.018E	0.007	0.009	---	---	---	29
30	---		---	---	0.073B	0.067	0.020E	0.007	0.009	---	---	---	30
31	---		---	---	0.055B		0.018E	0.007		---		---	31
TOTAL	---	---	---	---	---	1.588	1.122	0.267	0.248	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.053	0.036	0.008	0.008	---	---	---	MEAN
MAX	---	---	---	---	---	0.094	0.080	0.015	0.008	---	---	---	MAX
MIN	---	---	---	---	---	0.031	0.018	0.006	0.007	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.094 ON JUN 15

MAXIMUM INSTANTANEOUS,
0.112 AT 18:13 MST ON JUN 15

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 30 N
LONG 115 11 55 W
DRAINAGE AREA, 1.17 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	96.9
FEB	---	AUG	23.1
MAR	---	SEP	21.4
APR	---	OCT	---
MAY	---	NOV	---
JUN	137	DEC	---

MIDDLE FORK CREEK NEAR SEEBE - STATION NO. 05BF017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004	0.003	0.003	0.002	0.005	0.155	0.155	0.030	0.018	0.034	0.015	0.008	1
2	0.004	0.003	0.003	0.002	0.005	0.138	0.125	0.030	0.018	0.032	0.014	0.008	2
3	0.004	0.003	0.002	0.002	0.005	0.118	0.105	0.029	0.019	0.032	0.014	0.008	3
4	0.005	0.003	0.002	0.002	0.005	0.113	0.088	0.027	0.019	0.032	0.014	0.008	4
5	0.005	0.003	0.002	0.003	0.005	0.137	0.095	0.027	0.019	0.031	0.014	0.008	5
6	0.005	0.003	0.002	0.003	0.005	0.138	0.095	0.026	0.020	0.031	0.013	0.008	6
7	0.004	0.003	0.002	0.003	0.005	0.157	0.095	0.024	0.020	0.033	0.013	0.007	7
8	0.004	0.003	0.002	0.003	0.005	0.174	0.087	0.023	0.019	0.035	0.013	0.007	8
9	0.004	0.003	0.002	0.003	0.007	0.180	0.078	0.022	0.019	0.035	0.012	0.008	9
10	0.004	0.003	0.002	0.003	0.007	0.184	0.072	0.022	0.018	0.037	0.012	0.008	10
11	0.004	0.003	0.002	0.003	0.007	0.183	0.068	0.022	0.018	0.042	0.012	0.008	11
12	0.004	0.003	0.002	0.003	0.008	0.204	0.068	0.021	0.019	0.043	0.011	0.008	12
13	0.004	0.003	0.002	0.003	0.010	0.246	0.069	0.022	[illegible]	0.040	0.011	0.008	13
14	0.004	0.003	0.002	0.003	0.021	0.278	0.085	0.020	0.018	0.037	0.011	0.008	14
15	0.004	0.003	0.002	0.004	0.038	0.282	0.083	0.019	0.018	0.034	0.010	0.008	15
16	0.004	0.003	0.002	0.008	0.037	0.304	0.080	0.018	0.018	0.031	0.010	0.008	16
17	0.004	0.003	0.002	0.015	0.032	0.277	0.068	0.018	0.018	0.028	0.011	0.008	17
18	0.004	0.003	0.002	0.014	0.040	0.240	0.066	0.018	0.017	0.028	0.010	0.008	18
19	0.004	0.003	0.002	0.010	0.047	0.213	0.053	0.020	0.018	0.028	0.010	0.008	19
20	0.003	0.003	0.002	0.009	0.048	0.193	0.052	0.018	0.021	0.028	0.010	0.008	20
21	0.003	0.003	0.002	0.011	0.045	0.172	0.053	0.017	0.023	0.024	0.008	0.008	21
22	0.003	0.003	0.002	0.014	0.049	0.157	0.046	0.018	0.022	0.022	0.009	0.008	22
23	0.003	0.003	0.002	0.011	0.047	0.150	0.042	0.018	0.022	0.021	0.009	0.008	23
24	0.003	0.003	0.002	0.008	0.042	0.153	0.038	0.018	0.021	0.020	0.008	0.008	24
25	0.003	0.003	0.002	0.008	0.040	0.188	0.038	0.018	0.020	0.020	0.008	0.008	25
26	0.003	0.003	0.002	0.007	0.039	0.187	0.035	0.018	0.020	0.018	0.009	0.008	26
27	0.003	0.003	0.002	0.008	0.038	0.187	0.036	0.021	0.018	0.018	0.008	0.008	27
28	0.003	0.003	0.003	0.008	0.055	0.188	0.035	0.019	0.020	0.017	0.008	0.008	28
29	0.003	0.003	0.003	0.008	0.113	0.174	0.034	0.018	0.024	0.016	0.008	0.005	29
30	0.003		0.002	0.005	0.206	0.176	0.035	0.018	0.031	0.018	0.008	0.005	30
31	0.003		0.002		0.190		0.031	0.018		0.015		0.005	31
TOTAL	0.118	0.087	0.065	0.181	1.211	5.498	2.042	0.645	0.583	0.871	0.327	0.198	TOTAL
MEAN	0.004	0.003	0.002	0.005	0.039	0.183	0.066	0.021	0.020	0.028	0.011	0.006	MEAN
MAX	0.005	0.003	0.003	0.015	0.206	0.304	0.155	0.030	0.031	0.043	0.015	0.008	MAX
MIN	0.003	0.003	0.002	0.002	0.005	0.113	0.031	0.015	0.017	0.015	0.008	0.005	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.304 ON JUN 16
MINIMUM DAILY, 0.002 ON MAR 3
MAXIMUM INSTANTANEOUS,
0.353 AT 16:49 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 34 N
LONG 115 10 16 W
DRAINAGE AREA, 2.65 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9.94	JUL	175
FEB	7.52	AUG	55.7
MAR	5.70	SEP	51.2
APR	15.8	OCT	75.3
MAY	105	NOV	28.3
JUN	475	DEC	16.9

TOTAL DISCHARGE, 1 020 dam³

MIETTE RIVER NEAR JASPER - STATION NO 07AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.986B	0.950B	0.893B	1.81	18.9	58.2	19.7	13.8	9.03	2.10B	2.00 B	1
2	0.805B	1.10 B	0.880B	0.877B	1.88	13.6	38.3	19.3	13.8	8.36	1.80B	1.95 B	2
3	0.805B	1.10 B	0.700B	0.879	2.01	13.3	31.7	18.4	10.5	11.5	1.85B	1.80 B	3
4	0.810B	1.10 B	0.740B	0.885	2.01	12.6	33.7	17.5	8.92	10.8	1.90B	1.80 B	4
5	0.820B	1.10 B	0.770B	0.828	1.98	14.7	45.8	16.3	8.78	10.8	1.95B	1.70 B	5
6	0.840B	1.05 B	0.790B	0.810	2.00	20.8	51.1	19.0	14.8	8.57	2.00B	1.60 B	6
7	0.850B	1.00 B	0.800B	0.848	2.00	27.9	38.5	16.1	15.8	8.78	2.10B	1.40 B	7
8	0.930B	0.990B	0.840B	0.826	2.20	39.3	28.7	13.5	15.2	8.64	2.20B	1.20 B	8
9	1.00 B	0.990B	0.850B	0.814	2.51	38.5	28.0	13.0	17.3	11.3	2.25B	1.10 B	9
10	1.15 B	0.990B	0.850B	0.808	2.60	36.9	29.3	13.5	17.4	10.9	2.30B	1.05 B	10
11	1.20 B	1.00 B	0.850B	0.787	2.57	45.3	32.9	12.6	15.4	10.2	2.40B	1.10 B	11
12	1.30 B	0.980B	0.850B	0.774	2.54	57.1	34.8	11.6	15.7	11.0	2.40B	1.15 B	12
13	1.35 B	0.980B	0.840B	0.787	2.78	62.6	37.5	11.7	15.8	9.58	2.35B	1.20 B	13
14	1.30 B	0.952B	0.830B	0.808	3.39	67.1	33.1	12.1	13.7	8.76	2.30B	1.25 B	14
15	1.25 B	0.950B	0.800B	0.936	4.18	72.7	30.4	10.4	12.1	7.95	2.20B	1.30 B	15
16	1.20 B	0.950B	0.800B	1.89	4.70	67.6	32.1	9.47	11.1	7.41	2.15B	1.30 B	16
17	1.12 B	0.900B	0.780B	2.82	4.84	49.8	35.4	9.22	23.1	8.82	2.10B	1.25 B	17
18	1.00 B	0.800B	0.780B	2.74	4.71	34.0	35.0	9.83	45.7	8.24	2.15B	1.25 B	18
19	0.920B	0.700B	0.780B	2.68	4.63	26.6	31.2	9.10	44.8	8.26	2.20B	1.25 B	19
20	0.880B	0.680B	0.780B	2.80	5.76	22.5	27.0	8.45	39.7	8.88B	2.30B	1.20 B	20
21	0.840B	0.660B	0.810B	3.24	5.84	25.6	22.2	7.84	24.5	8.61B	2.40B	1.20 B	21
22	0.810B	0.680B	0.840B	3.37	5.01	31.7	18.8	7.25	20.1	8.33B	2.35B	1.20 B	22
23	0.800B	0.710B	0.860B	3.10	4.81	41.4	17.4	7.29	18.8	8.47	2.30B	1.20 B	23
24	0.800B	0.710B	0.860B	2.74	4.40	52.5	16.8	8.88	14.5	8.33	2.40B	1.10 B	24
25	0.800B	0.710B	0.910B	2.42	4.20	53.2	20.0	8.73	13.8	8.30	2.40B	0.990B	25
26	0.810B	0.700B	0.930B	2.26	4.46	45.4	22.5	8.03	11.0	4.28B	2.40B	1.05 B	26
27	0.820B	0.680B	0.950B	2.02	4.79	33.2	26.5	14.9	9.87	3.77B	2.30B	1.05 B	27
28	0.840B	0.670B	0.950B	1.92	5.58	26.2	25.7	15.1	9.57	4.08B	2.29B	1.05 B	28
29	0.880B	0.665B	1.05 B	1.91	8.80	118	22.7	10.8	8.18	3.33B	2.20B	1.05 B	29
30	0.920B		1.05 B	1.84	22.8	100	21.4	9.09	9.05	2.34B	2.10B	1.05 B	30
31	0.950B		1.00 B		28.7		20.4	8.62		2.17B		1.05 B	31
TOTAL	28.580	25.473	28.040	48.887	189.81	1 343.5	950.0	372.80	501.75	237.40	66.14	39.940	TOTAL
MEAN	0.955	0.878	0.840	1.67	6.18	44.8	30.8	12.0	16.7	7.34	2.20	1.28	MEAN
MAX	1.35	1.10	1.05	3.37	28.7	118	58.2	19.7	45.7	11.5	2.40	2.00	MAX
MIN	0.800	0.680	0.850	0.774	1.81	12.6	17.4	8.73	8.78	2.17	1.80	0.990	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 118 ON JUN 28
MINIMUM DAILY, 0.650B ON MAR 1
MAXIMUM INSTANTANEOUS,
123 AT 20:40 MST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 50 N
LONG 118 08 21 W
DRAINAGE AREA, 651 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 980	JUL	82 100
FEB	2 200	AUG	33 200
MAR	2 250	SEP	43 400
APR	4 320	OCT	19 800
MAY	13 800	NOV	5 710
JUN	116 000	DEC	3 480

TOTAL DISCHARGE, 328 000 dam³

MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO 11AA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1 508	17 0	9 17	15 8	15 6	15 9	3 11	0 566	---	---	1
2	---	---	1 568	16 3	9 03	15 3	15 0	17 5	2 08	0 566	---	---	2
3	---	---	1 508	16 6	9 43	15 4	15 8	20 9	1 78	0 544	---	---	3
4	---	---	1 478	15 7	9 45	15 3	15 7	23 0	1 68	0 538	---	---	4
5	---	---	1 508	15 1	9 71	17 9	15 7	20 0	1 84	0 510	---	---	5
6	---	---	1 508	15 3	9 85	17 7	15 6	18 0	1 38	0 510	---	---	6
7	---	---	1 398	14 9	8 79	17 7	15 9	18 1	1 67	0 454	---	---	7
8	---	---	1 448	12 9	8 86	17 5	15 5	17 2	2 40	0 453	---	---	8
9	---	---	1 448	11 4	8 48	16 2	14 8	16 4	1 58	0 453	---	---	9
10	---	---	1 448	9 85	8 18	17 0	15 4	15 7	1 45	0 425	---	---	10
11	---	---	1 428	8 68	4 48	16 6	15 9	15 3	1 38	0 397	---	---	11
12	---	---	1 428	7 34	4 11	16 7	16 2	15 2	1 36	0 340	---	---	12
13	---	---	1 398	6 52	3 94	16 3	16 1	14 9	1 25	0 284	---	---	13
14	---	---	1 448	6 03	3 48	16 1	16 1	15 1	1 08	0 283	---	---	14
15	---	---	1 508	5 30	3 76	15 4	16 3	15 4	0 974	0 311	---	---	15
16	---	---	1 568	4 52	4 47	15 2	16 7	15 8	0 879	0 311	---	---	16
17	---	---	1 538	3 91	3 45	15 0	16 6	16 0	0 766	0 2838	---	---	17
18	---	---	5 388	3 70	2 62	14 3	16 5	15 8	0 662	0 2838	---	---	18
19	---	---	7 938	3 82	2 33	14 5	16 5	16 1	0 539	0 2838	---	---	19
20	---	---	10 8 B	4 01	2 32	14 8	16 3	16 3	0 538	0 2838	---	---	20
21	---	---	15 8	3 91	2 53	15 0	16 3	15 9	0 584	0 2838	---	---	21
22	---	---	17 7	3 94	3 03	15 7	16 3	16 7	0 642	0 2838	---	---	22
23	---	---	16 5	4 30	10 2	19 1	16 3	17 1	0 763	0 2838	---	---	23
24	---	---	18 9	4 61	13 7	18 9	16 6	17 8	0 793	0 2838	---	---	24
25	---	---	21 8	5 85	14 2	18 1	16 7	17 2 E	0 709	0 2838	---	---	25
26	---	---	18 8	6 39	13 8	18 9	16 5	13 4 E	0 652	0 2838	---	---	26
27	---	---	17 6	6 48	14 5	21 1	16 1	9 878	0 586	0 2558	---	---	27
28	---	---	18 6	7 63	14 5	18 6	15 9	8 758	0 587	0 2558	---	---	28
29	---	---	18 5	9 16	14 6	16 5	15 9	5 01	0 538	0 2558	---	---	29
30	---		18 0	9 17	14 8	16 3	15 4	3 65	0 551	0 2558	---	---	30
31	---		17 8		15 4		16 6	3 06		0 2278		---	31
TOTAL	---	---	248 81	280 32	248 95	505 8	497 9	487 04	34 515	11 022	---	---	TOTAL
MEAN	---	---	8 03	8 68	8 03	16 9	16 1	15 1	1 15	0 356	---	---	MEAN
MAX	---	---	21 8	17 0	15 4	21 1	16 7	23 0	3 11	0 566	---	---	MAX
MIN	---	---	1 39	3 70	2 32	14 3	14 8	3 06	0 538	0 227	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 28
MAXIMUM DAILY, 23 0 ON AUG 4
MINIMUM DAILY, 0 2278 ON OCT 31
MAXIMUM INSTANTANEOUS,
35 4 AT 18 30 MST ON AUG 2

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 03 N
LONG 110 28 10 W
DRAINAGE AREA, 8 480 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1917

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	43 000
FEB	---	AUG	40 400
MAR	21 500	SEP	2 980
APR	22 500	OCT	952
MAY	21 500	NOV	---
JUN	43 700	DEC	---

TOTAL DISCHARGE, 197 000 dam³

MILK RIVER AT HIGHWAY NO. 880 - STATION NO 11AA036

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	879 720	880 067	879 948	880 108	880 108	880 141	879 753	879 641	---	---	1
2	---	---	879 715	880 063	879 941	880 133	880 109	880 142	879 735	879 637	---	---	2
3	---	---	879 727	880 058	879 933	880 128	880 111	880 138	879 734	879 632	---	---	3
4	---	---	879 724	880 052	879 926	880 119	880 113	880 133	879 720	879 630	---	---	4
5	---	---	879 755	880 051	879 913	880 124	880 120	880 130	879 701	879 625	---	---	5
6	---	---	879 730	880 027	879 876	880 123	880 121	880 129	879 676	879 622	---	---	6
7	---	---	879 732	879 981	879 857	880 129	880 109	880 128	879 886	879 619	---	---	7
8	---	---	879 749	879 966	879 850	880 120	880 116	880 118	879 706	879 616	---	---	8
9	---	---	879 735	879 949	879 842	880 119	880 125	880 114	879 710	879 611	---	---	9
10	---	---	879 822	879 926	879 833	880 117	880 128	880 105	879 715	879 611	---	---	10
11	---	---	879 813	879 904	879 831	880 118	880 131	880 089	879 887	879 612	---	---	11
12	---	---	879 876	879 891	879 822	880 121	880 129	880 095	879 670	879 611	---	---	12
13	---	---	879 884	879 872	879 810	880 117	880 127	880 100	879 683	879 605	---	---	13
14	---	---	879 873	879 852	879 804	880 113	880 116	880 102	879 666	879 599	---	---	14
15	---	---	879 950	879 826	879 800	880 113	880 116	880 101	879 652	879 601	---	---	15
16	---	---	879 985	879 814	879 805	880 103	880 118	880 095	879 638	879 602	---	---	16
17	---	---	879 994	879 810	879 801	880 089	880 116	880 095	879 630	879 597	---	---	17
18	---	---	879 993	879 812	879 812	880 098	880 114	880 094	879 618	879 621	---	---	18
19	---	---	880 056	879 820	879 826	880 095	880 111	880 100	879 613	879 609	---	---	19
20	---	---	880 027	879 833	879 851	880 098	880 107	880 098	879 632	879 842	---	---	20
21	---	---	880 085	879 839	880 020	880 127	880 108	880 098	879 653	879 885	---	---	21
22	---	---	880 088	879 842	880 078	880 151	880 107	880 097	879 848	879 871	---	---	22
23	---	---	880 150	879 873	880 072	880 158	880 113	880 091	879 638	879 845	---	---	23
24	---	---	880 148	879 884	880 058	880 148	880 116	880 081	879 637	879 851	---	---	24
25	---	---	880 112	879 883	880 085	880 102	880 111	880 010	879 640	879 853	---	---	25
26	---	---	880 102	879 915	880 082	880 161	880 112	879 948	879 643	879 853	---	---	26
27	---	---	880 134	879 946	880 074	880 134	880 110	879 868	879 645	879 843	---	---	27
28	---	---	880 104	879 947	880 088	880 120	880 112	879 833	879 653	879 840	---	---	28
29	---	879 777A	880 128	879 943	880 104	880 114	880 118	879 798	879 651	879 884	---	---	29
30	---		880 128	879 939	880 108	880 098	880 120	879 774	879 648	879 898A	---	---	30
31	---		880 078		880 102		880 139	879 780		879 898E		---	31
MEAN	---	---	879 939	879 920	879 932	880 123	880 118	880 051	879 688	879 838	---	---	MEAN
MAX	---	---	880 150	880 067	880 109	880 182	880 139	880 142	879 753	879 898	---	---	MAX
MIN	---	---	879 715	879 810	879 800	880 095	880 108	879 780	879 613	879 597	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 880 182 ON JUN 25

MAXIMUM INSTANTANEOUS,
880 214 AT 20:10 MST ON MAR 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 44 N
LONG 111 18 19 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1918

MILK RIVER AT MILK RIVER - STATION NO. 11AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.040B	0.460B	0.815B	15.2	9.34	18.0	18.5	18.1	0.836	0.331	0.200B	0.440B	1
2	0.050B	0.670B	0.800B	15.0	9.19	18.3	18.3	17.7	0.671	0.318	0.220B	0.450B	2
3	0.080B	0.850B	0.800B	14.8	8.85	18.2	18.2	17.9	0.595	0.318	0.260B	0.470B	3
4	0.070B	1.25 B	0.700B	14.4	8.08	18.3	18.2	17.4	0.537	0.306	0.320B	0.490B	4
5	0.120B	1.61 B	0.700B	13.9	4.78	18.3	18.1	17.2	0.474	0.308	0.370B	0.520B	5
6	0.220B	1.47 B	0.700B	10.8	4.62	18.8	17.8	17.3	0.402	0.281	0.420B	0.530B	6
7	0.330B	1.37 B	1.00 B	8.29	4.84	18.3	18.1	17.1	0.696	0.267	0.510B	0.500B	7
8	0.400B	1.34 B	1.40 B	8.36	4.80	18.0	18.4	16.9	0.559	0.257	0.590B	0.470B	8
9	0.330B	1.43 B	1.90 B	7.59	4.38	18.1	18.2	16.5	0.443	0.275	0.700B	0.420B	9
10	0.260B	1.39 B	2.40 B	6.77	4.22	18.2	18.2	16.9	0.414	0.258	0.780B	0.370B	10
11	0.320B	1.32 B	3.00 B	6.25	3.87	18.5	18.1	17.0	0.370	0.259	0.740B	0.330B	11
12	0.300B	1.24 B	3.60 B	5.44	3.74	18.4	18.0	17.1	0.355	0.288	0.700B	0.290B	12
13	0.270B	1.19 B	4.18 B	4.42	3.48	18.2	17.8	17.5	0.352	0.264	0.650B	0.250B	13
14	0.230B	1.18 B	3.90 B	3.91	3.35	18.1	17.8	16.8	0.364	0.265	0.610B	0.220B	14
15	0.200B	1.32 B	3.60 B	3.98	3.51	18.1	17.9	16.8	0.347	0.278	0.580B	0.180B	15
16	0.170B	1.22 B	4.00 B	3.98	4.04	18.1	17.9	16.5	0.330	0.286	0.580B	0.160B	16
17	0.120B	1.16 B	5.10 B	3.85	4.31	18.0	18.0	16.7	0.286	0.2808	0.615B	0.130B	17
18	0.100B	1.10 B	6.80 B	3.93	4.78	17.9	17.9	16.7	0.267	0.270B	0.640B	0.100B	18
19	0.070B	1.03 B	8.10 B	4.46	7.89	17.8	17.8	16.7	0.253	0.265B	0.670B	0.070B	19
20	0.040B	0.980B	9.70 B	5.03	14.7	17.8	17.9	16.6	0.276	0.270B	0.687B	0.050B	20
21	0.030B	0.900B	11.0 B	5.88	15.6	17.7	17.8	16.4	0.321	0.285B	0.740B	0.042B	21
22	0.030B	0.860B	14.0 B	7.16	15.3	19.2	17.8	16.0	0.338	0.305B	0.730B	0.035B	22
23	0.030B	0.830B	17.0 B	8.58	15.0	19.8	17.7	14.0	0.345	0.300B	0.690B	0.030B	23
24	0.045B	0.810B	16.7 B	7.21	15.0	22.2	17.7	10.4	0.402	0.280B	0.660B	0.025B	24
25	0.050B	0.820B	14.3 B	8.88	14.9	21.1	17.7	8.34	0.436	0.260B	0.620B	0.020B	25
26	0.070B	0.880B	15.8 B	9.88	15.8	19.8	17.6	3.82	0.425	0.238B	0.590B	0.020B	26
27	0.110B	0.934B	15.6 B	9.33	16.4	19.1	17.7	2.40	0.389	0.215B	0.560B	0.015B	27
28	0.140B	1.06 B	15.3 B	9.08	17.2	18.8	18.1	1.84	0.385	0.200B	0.530B	0.015B	28
29	0.190B	1.00 B	15.0 B	8.07	17.6	18.6	18.1	1.02	0.332	0.180B	0.500B	0.010B	29
30	0.240B		15.7	9.41	17.8	18.3	18.7	0.731	0.324	0.180B	0.470B	0.010B	30
31	0.300B		15.8		18.0		18.8	0.687		0.177B		0.010B	31
TOTAL	4.928	31.634	230.596	241.92	282.13	559.0	559.0	415.848	12.514	8.290	18.902	6.892	TOTAL
MEAN	0.159	1.09	7.45	8.06	9.42	18.6	18.0	13.4	0.417	0.267	0.583	0.218	MEAN
MAX	0.400	1.51	17.0	15.2	18.0	22.2	18.8	18.1	0.836	0.331	0.780	0.530	MAX
MIN	0.030	0.460	0.700	3.85	3.35	17.7	17.8	0.687	0.253	0.177	0.200	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.50
MAXIMUM DAILY, 22.2 ON JUN 24
MINIMUM DAILY, 0.010B ON DEC 29
MAXIMUM INSTANTANEOUS,
23.2 AT 09:35 MST ON JUN 24

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 112 04 44 W
DRAINAGE AREA, 2 720 km²

B - ICE CONDITIONS

REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	426	JUL	48 300
FEB	2 730	AUG	35 900
MAR	20 000	SEP	1 080
APR	20 900	OCT	716
MAY	25 200	NOV	1 660
JUN	48 300	DEC	578

TOTAL DISCHARGE, 205 000 dam³

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 11AAC25

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.439B	1.00 B	0.827	0.228	0.230	0	0	0	---	---	1
2	---	---	0.430B	1.01 B	0.752	0.287	0.189	0	0	0	---	---	2
3	---	---	0.430B	1.00 B	0.690	0.295	0.138	0	0	0	---	---	3
4	---	---	0.430B	0.900B	0.633	0.244	0.095	0	0	0	---	---	4
5	---	---	0.420B	0.900B	0.646	0.300	0.073	0	0	0	---	---	5
6	---	---	0.420B	0.800B	0.636	0.183	0.038	0	0	0	---	---	6
7	---	---	0.410B	0.800B	0.648	0.304	0.019	0	0	0	---	---	7
8	---	---	0.410B	0.800B	0.628	0.220	0.002	0	0	0	---	---	8
9	---	---	0.410B	0.900B	0.636	0.223	0	0	0	0	---	---	9
10	---	---	0.420B	1.17	0.648	0.218	0	0	0	0	---	---	10
11	---	---	0.430B	0.981	0.615	0.219	0	0	0	0	---	---	11
12	---	---	0.450B	0.811	0.581	0.185	0	0	0	0	---	---	12
13	---	---	0.460B	0.882	0.538	0.186	0	0	0	0	---	---	13
14	---	---	0.497B	0.820	0.593	0.271	0	0	0	0	---	---	14
15	---	---	0.520B	0.783	0.981	0.316	0	0	0	0	---	---	15
16	---	---	0.510B	0.758	1.33	0.431	0	0	0	0	---	---	16
17	---	---	0.500B	0.788	1.12	0.612	0	0	0	0	---	---	17
18	---	---	0.900B	0.958	1.40	0.326	0	0	0	0	---	---	18
19	---	---	1.50 B	1.25	1.25	0.238	0	0	0	0	---	---	19
20	---	---	1.70 B	1.67	0.862	0.195	0	0	0	0	---	---	20
21	---	---	1.60 B	3.17	0.541	0.264	0	0	0	0	---	---	21
22	---	---	1.40 B	3.37	0.493	0.844	0	0	0	0	---	---	22
23	---	---	1.30 B	2.30	0.476	3.36	0	0	0	0	---	---	23
24	---	---	1.20 B	1.74	0.422	2.93	0	0	0	0	---	---	24
25	---	---	1.10 B	1.49	0.503	1.73	0	0	0	0	---	---	25
26	---	---	1.01 B	1.36	0.458	1.09	0	0	0	0	---	---	26
27	---	---	1.10 B	1.31	0.497	0.753	0	0	0	0	---	---	27
28	---	---	1.27 B	1.05	0.416	0.592	0	0	0	0.0888	---	---	28
29	---	---	1.30 B	0.987	0.362	0.426	0	0	0	0.1798	---	---	29
30	---	---	1.20 B	0.917	0.333	0.285	0	0	0	0.2888	---	---	30
31	---	---	1.10 B		0.302		0	0		0.3578		---	31
TOTAL	---	---	35.168	36.887	20.739	17.152	0.785	0	0	0.883	---	---	TOTAL
MEAN	---	---	0.812	1.23	0.689	0.572	0.025	0	0	0.029	---	---	MEAN
MAX	---	---	1.70	3.37	1.40	3.36	0.230	0	0	0.357	---	---	MAX
MIN	---	---	0.410	0.758	0.302	0.185	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 3.37 ON APR 22
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
4.71 AT 15:20 MST ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 27 N
LONG 112 32 42 W
DRAINAGE AREA, 1 060 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67.8
FEB	---	AUG	0
MAR	2 160	SEP	0
APR	3 190	OCT	77.2
MAY	1 790	NOV	---
JUN	1 480	DEC	---

TOTAL DISCHARGE, 8 780 dam³

MILK RIVER RIDGE RESERVOIR - STATION NO. 05AF030

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1020.448	1020.468	1021.553	1022.307	1022.207	1021.449A	1022.321	1022.671A	---	---	1
2	---	---	1020.450	1020.471	1021.589	1022.288	1022.183	1021.501A	1022.325	1022.671A	---	---	2
3	---	---	1020.445	1020.470	1021.742	1022.300	1022.184	1021.531A	1022.321	1022.659A	---	---	3
4	---	---	1020.442	1020.472	1021.788	1022.306	1022.148	1021.580A	1022.328	1022.672A	---	---	4
5	---	---	1020.438	1020.478	1021.825	1022.316	1022.135	1021.632A	1022.341	1022.656	---	---	5
6	---	---	1020.443	1020.472	1021.900	1022.324	1022.118	1021.684A	1022.327	1022.643	---	---	6
7	---	---	1020.437	1020.469	1022.060	1022.316	1022.116	1021.729A	1022.335	1022.639	---	---	7
8	---	---	1020.439	1020.480	1022.156	1022.315	1022.124	1021.781A	1022.384	1022.641	---	---	8
9	---	---	1020.443	1020.459	1022.246	1022.336	1022.139	1021.851A	1022.427	1022.636	---	---	9
10	---	---	1020.446	1020.459	1022.161	1022.347	1022.153	1021.909A	1022.452	1022.656	---	---	10
11	---	---	1020.449	1020.454	1022.089	1022.325	1022.168	1021.978A	1022.485	1022.678	---	---	11
12	---	---	1020.443	1020.450	1022.091	1022.307	1022.174	1022.019A	1022.488	1022.687	---	---	12
13	---	---	1020.440	1020.448	1022.120	1022.313	1022.178	1022.080A	1022.510	1022.685	---	---	13
14	---	---	1020.438	1020.450	1022.159	1022.300	1022.180	1022.128A	1022.533	1022.602	---	---	14
15	---	---	1020.432	1020.462	1022.180	1022.306	1022.184	1022.180A	1022.554	1022.518	---	---	15
16	---	---	1020.447	1020.480	1022.221	1022.312	1022.131	1022.220A	1022.585	1022.398	---	---	16
17	---	---	1020.453	1020.464	1022.232	1022.318	1022.097	1022.250A	1022.574	1022.213	---	---	17
18	---	---	1020.455	1020.448	1022.237	1022.330	1022.064	1022.263A	1022.581	1022.024	---	---	18
19	---	---	1020.458	1020.454	1022.257	1022.342	1022.009	1022.275A	1022.543	1021.923	---	---	19
20	---	---	1020.455	1020.485	1022.275	1022.347	1021.917	1022.290A	1022.539	1021.806	---	---	20
21	---	---	1020.453	1020.489	1022.290	1022.366	1021.807	1022.325A	1022.530	1021.695	---	---	21
22	---	---	1020.451	1020.497	1022.318	1022.407	1021.731	1022.348	1022.538	1021.610	---	---	22
23	---	---	1020.452	1020.585	1022.337	1022.478	1021.658	1022.353	1022.556	1021.595	---	---	23
24	---	---	1020.458	1020.578	1022.328	1022.487	1021.585	1022.353	1022.574	1021.597	---	---	24
25	---	---	1020.463	1020.741	1022.348	1022.494	1021.581	1022.353	1022.594	1021.608	---	---	25
26	---	---	1020.465	1020.821	1022.377	1022.473	1021.516	1022.345	1022.618	1021.604	---	---	26
27	---	1020.452A	1020.466	1020.946	1022.403	1022.412	1021.470A	1022.340	1022.635	1021.597	---	---	27
28	---	1020.448	1020.469	1021.105	1022.438	1022.335	1021.449A	1022.324	1022.659A	1021.597	---	---	28
29	---	1020.438	1020.471	1021.264	1022.451	1022.281	1021.409A	1022.324	1022.677A	1021.586A	---	---	29
30	---	---	1020.474	1021.426	1022.412	1022.239	1021.400A	1022.322	1022.674A	1021.586E	---	---	30
31	---		1020.470		1022.362		1021.421A	1022.311		1021.586E		---	31
MEAN	---	---	1020.452	1020.592	1022.183	1022.345	1021.932	1022.065	1022.488	1022.185	---	---	MEAN
MAX	---	---	1020.474	1021.426	1022.451	1022.497	1022.207	1022.353	1022.677	1022.687	---	---	MAX
MIN	---	---	1020.437	1020.448	1021.553	1022.239	1021.400	1021.449	1022.321	1021.586	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 1022.687 ON OCT 12

MAXIMUM INSTANTANEOUS,
1022.689 AT 16:25 MST ON OCT 12

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.741 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 00 N
LONG 112 35 39 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
180 km²

MILL CREEK NEAR THE MOUTH - STATION NO 05AA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2508	0.3008	0.885	4.24	2.34	0.782	0.485	0.596	0.5898	---	1
2	---	---	0.2808	0.2888	0.707	3.52	2.12	0.783	0.482	0.704	0.5898	---	2
3	---	---	0.2638	0.3058	0.718	3.20	1.99	0.807	0.481	0.837	---	---	3
4	---	---	0.2648	0.3408	0.732	3.01	1.90	0.788	0.483	0.883	---	---	4
5	---	---	0.2708	0.3608	0.738	2.91	1.84	0.847	0.438	0.851	---	---	5
6	---	---	0.2738	0.4008	0.788	2.93	1.74	0.755	0.455	0.781	---	---	6
7	---	---	0.2708	0.4128	0.788	2.92	1.68	0.713	0.444	0.678	---	---	7
8	---	---	0.2588	0.4408	0.822	3.03	1.59	0.678	0.430	0.638	---	---	8
9	---	---	0.2638	0.4508	1.09	3.07	1.51	0.672	0.569	0.613	---	---	9
10	---	---	0.2658	0.4688	1.08	3.13	1.41	0.693	0.512	0.581	---	---	10
11	---	---	0.2588	0.4808	1.01	3.26	1.37	0.691	0.470	0.571	---	---	11
12	---	---	0.2508	0.4788	1.04	3.15	1.37	0.678	0.473	0.531	---	---	12
13	---	---	0.2428	0.4608	1.09	3.31	1.34	0.693	0.457	0.548	---	---	13
14	---	---	0.2207	0.4808	1.70	3.48	1.28	0.643	0.447	0.518	---	---	14
15	---	---	0.2008	0.5008	2.83	3.71	1.21	0.643	0.439	0.526	---	---	15
16	---	---	0.2208	0.5408	3.77	3.82	1.18	0.624	0.426	0.528	---	---	16
17	---	---	0.2248	1.00 B	3.82	3.63	1.11	0.618	0.412	0.508	---	---	17
18	---	---	0.2408	1.21	3.80	3.32	1.07	0.613	0.403	0.497	---	---	18
19	---	---	0.2588	1.23	3.52	3.05	1.02	0.598	0.406	0.5108	---	---	19
20	---	---	0.2688	1.46	3.87	2.83	0.971	0.586	0.456	0.5188	---	---	20
21	---	---	0.2788	1.15	3.83	3.18	0.932	0.582	0.583	0.5218	---	---	21
22	---	0.2578	0.2808	1.27	3.24	3.47	0.897	0.584	0.587	0.5278	---	---	22
23	---	0.2458	0.2848	1.15	3.08	3.42	0.851	0.548	0.603	0.5338	---	---	23
24	---	0.2408	0.2938	0.869	2.32	3.24	0.836	0.536	0.533	0.534	---	---	24
25	---	0.2408	0.2988	0.863	2.81	3.19	0.808	0.520	0.519	0.545	---	---	25
26	---	0.2388	0.3058	0.839	2.71	3.03	0.782	0.498	0.510	0.5878	---	---	26
27	---	0.2398	0.3128	0.782	2.83	2.88	0.800	0.483	0.488	0.5878	---	---	27
28	---	0.2408	0.3188	0.703	2.81	2.75	0.770	0.498	0.481	0.5078	---	---	28
29	---	0.2428	0.3188	0.585	2.69	2.82	0.851	0.477	0.494	0.5278	---	---	29
30	---		0.3058	0.649	4.26	2.62	0.881	0.473	0.524	0.5478	---	---	30
31	---		0.3008		5.31		0.829	0.485		0.5678		---	31
TOTAL	---	---	8.310	21.131	70.388	95.85	39.478	18.854	14.441	18.785	---	---	TOTAL
MEAN	---	---	0.288	0.704	2.27	3.19	1.27	0.831	0.481	0.606	---	---	MEAN
MAX	---	---	0.318	1.48	5.31	4.24	2.34	0.847	0.603	0.883	---	---	MAX
MIN	---	---	0.200	0.298	0.585	2.62	0.770	0.473	0.403	0.497	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.31
MAXIMUM DAILY, 5.31 ON MAY 31
MINIMUM DAILY, 0.2888 ON APR 2
MAXIMUM INSTANTANEOUS,
5.55 AT 02:23 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 10 N
LONG 114 08 00 W
DRAINAGE AREA, 179 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 410
FEB	---	AUG	1 690
MAR	718	SEP	1 250
APR	1 830	OCT	1 620
MAY	6 080	NOV	---
JUN	8 270	DEC	---

TOTAL DISCHARGE, 24 200 dam³

MINERS COULEE NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.003	0.002	0	0	0	0	0	---	---	1
2	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	2
3	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	3
4	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	4
5	---	---	0.0018	0.003	0.002	0	0	0	0	0	---	---	5
6	---	---	0.0018	0.003	0.002	0	0	0	0	0	---	---	6
7	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	7
8	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	8
9	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	9
10	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	10
11	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	11
12	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	12
13	---	---	0.0018	0.003	0.001	0	0	0	0	0	---	---	13
14	---	---	0.0018	0.002	0.001	0	0	0	0.001	0	---	---	14
15	---	---	0.0018	0.002	0.001	0	0	0	0	0.001	---	---	15
16	---	---	0.0018	0.003	0.001	0	0	0	0.001	0	---	---	16
17	---	---	0.0018	0.003	0	0	0	0	0	0.001	---	---	17
18	---	---	0.0018	0.003	0	0	0	0	0	0.001	---	---	18
19	---	---	0.0018	0.003	0	0	0	0	0.001	0.001	---	---	19
20	---	---	0.0018	0.003	0	0	0	0	0	0	---	---	20
21	---	---	0.0018	0.003	0	0	0	0	0.001	0	---	---	21
22	---	---	0.0018	0.002	0	0	0	0	0.001	0	---	---	22
23	---	---	0.0018	0.002	0	0	0	0	0.002	0.001	---	---	23
24	---	---	0.0018	0.003	0	0	0	0	0.002	0.001	---	---	24
25	---	---	0.0018	0.003	0	0	0	0	0.002	0.001	---	---	25
26	---	---	0.0018	0.002	0	0	0	0	0.002	0.001	---	---	26
27	---	---	0.0018	0.002	0	0	0	0	0.002	0.001	---	---	27
28	---	---	0.0018	0.001	0	0	0	0	0.002	0	---	---	28
29	---	0.0018	0.0018	0.001	0	0	0	0	0.001	0	---	---	29
30	---		0.0018	0.001	0	0	0	0	0	0.0018	---	---	30
31	---		0.003		0		0	0		0.0018		---	31
TOTAL	---	---	0.033	0.077	0.019	0	0	0	0.018	0.012	---	---	TOTAL
MEAN	---	---	0.001	0.003	0.001	0	0	0	0.001	0	---	---	MEAN
MAX	---	---	0.003	0.003	0.002	0	0	0	0.002	0.001	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.003 ON MAR 31
MINIMUM DAILY, 0 ON MAY 17
MAXIMUM INSTANTANEOUS,
0.004 AT 18:50 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 05 N
LONG 111 24 10 W
DRAINAGE AREA, 109 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2.85	SEP	1.56
APR	6.55	OCT	1.04
MAY	1.54	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 13.7 dam³

MINISTIK LAKE NEAR NEW SAREPTA - STATION NO. 05EB013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	756.889	756.913	756.880	756.789	756.709	756.788	---	---	1
2	---	---	---	---	756.892	756.886	756.880	756.786	756.717	756.788	---	---	2
3	---	---	---	---	756.900	756.881	756.877	756.784	756.707	756.783	---	---	3
4	---	---	---	---	756.903	756.876	756.874	756.781	756.701	756.780	---	---	4
5	---	---	---	---	756.899	756.870	756.871	756.778	756.703	756.785	---	---	5
6	---	---	---	---	756.896	756.880	756.869	756.778	756.716	756.774	756.841	---	6
7	---	---	---	---	756.894	756.906	756.865	756.769	756.760	756.775	---	---	7
8	---	---	---	---	756.889	756.921	756.861	756.767	756.756	756.774	---	---	8
9	---	---	756.910	---	756.892	756.926	756.858	756.756	756.755	756.775	---	---	9
10	---	---	---	---	756.896	756.922	756.854	756.755	756.765	756.770	---	---	10
11	---	---	---	---	756.890	756.922	756.850	756.752	756.763	756.771	---	---	11
12	---	---	---	---	756.889	756.920	756.851	756.759	756.767	756.773	---	---	12
13	---	---	---	---	756.881	756.913	756.871	756.762	756.766	756.775	---	---	13
14	---	---	---	---	756.879	756.911	756.866	756.759	756.765	756.779	---	---	14
15	---	---	---	---	756.886	756.908	756.862	756.755	756.755	756.777	---	---	15
16	---	---	---	---	756.890	756.906	756.855	756.752	756.760	756.800	---	---	16
17	---	---	---	---	756.906	756.897	756.850	756.748	756.763	---	---	---	17
18	---	---	---	---	756.889	756.893	756.846	756.749	756.758	---	---	---	18
19	---	---	---	---	756.877	756.897	756.840	756.751	756.756	---	---	---	19
20	---	---	---	---	756.890	756.897	756.839	756.753	756.750	---	---	---	20
21	---	---	---	---	756.886	756.896	756.837	756.749	756.783	---	---	---	21
22	---	---	---	---	756.884	756.901	756.837	756.739	756.789	---	---	---	22
23	---	---	---	---	756.881	756.901	756.830	756.744	756.787	---	---	---	23
24	---	---	---	---	756.885	756.898	756.826	756.737	756.785	---	---	---	24
25	---	---	---	---	756.884	756.903	756.823	756.737	756.798	---	---	---	25
26	---	---	---	756.921	756.882	756.898	756.813	756.737	756.785	---	---	---	26
27	---	---	---	756.917	756.885	756.898	756.812	756.737	756.783	---	---	---	27
28	---	---	---	756.916	756.882	756.890	756.811	756.733	756.782	---	---	---	28
29	---	---	---	756.912	756.883	756.885	756.807	756.734	756.790	---	---	---	29
30	---	---	756.952	756.909	756.880	756.884	756.804	756.715	756.785	---	---	---	30
31	---	---	---		756.892		756.787	756.708		---	---	---	31
MEAN	---	---	---	---	756.889	756.900	756.848	756.754	756.781	---	---	---	MEAN
MAX	---	---	---	---	756.906	756.926	756.880	756.789	756.798	---	---	---	MAX
MIN	---	---	---	---	756.877	756.870	756.787	756.708	756.701	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 756.952 ON MAR 30

MAXIMUM INSTANTANEOUS,
756.955 AT 10:30 MST ON JUN 1

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 19 47 N
LONG 113 03 20 W

DRAINAGE AREA,
60.3 km²

MIQUELON LAKE AT PROVINCIAL PARK - STATION NO. 05EB014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	762.402	---	762.431	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	762.403	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	762.311	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	762.452	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	762.441	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	762.510	762.450	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	762.426	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	762.444	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	762.430	762.352	---	---	---	---	21
22	---	---	---	---	762.433	---	---	---	---	---	---	---	22
23	---	---	---	---	762.432	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	762.442	---	---	762.360	---	---	---	---	25
26	---	---	---	762.462	---	---	762.428	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	762.419	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		762.480	---	---	---	762.410	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 14 42 N
LONG 112 53 25 W

DRAINAGE AREA, 38.3 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MISTAYA RIVER NEAR SASKATCHEWAN CROSSING - STATION NO. 05DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.760	0.900	0.650	0.610	1.46	9.08	28.0	26.8	10.7	4.31	1.48 B	0.830	1
2	0.770	0.940	0.650	0.620	1.43	7.01	21.0	26.2	9.86	4.17	1.45 B	0.850	2
3	0.790	0.940	0.650	0.630	1.37	6.07	17.1	25.5	8.82	4.13	1.40 B	0.880	3
4	0.800	0.860	0.640	0.650	1.33	5.58	15.6	25.5	8.00	4.14	1.35 B	0.890	4
5	0.810	0.810	0.640	0.660	1.32	5.39	16.2	25.8	7.83	4.25	1.32 B	0.900	5
6	0.820	0.780	0.640	0.690	1.31	5.46	21.8	26.3	9.60	4.18	1.30 B	0.905	6
7	0.840	0.780	0.640	0.720	1.31	6.07	20.5	26.5	10.2	4.08	1.25 B	0.910	7
8	0.850	0.740	0.640	0.730	1.38	7.04	18.7	22.0	8.96	4.14	1.15 B	0.890	8
9	0.870	0.700	0.630	0.740	1.42	7.66	14.5	21.7	8.01	4.78	1.10 B	0.840	9
10	0.910	0.660	0.620	0.740	1.44	7.31	13.7	24.0	7.40	5.22	1.05 B	0.800	10
11	0.940	0.650	0.610	0.740	1.40	7.72	15.8	25.4	7.06	5.25	0.940 B	0.730	11
12	0.970	0.640	0.590	0.760	1.41	10.1	19.2	24.4	6.91	5.36	0.850 B	0.690	12
13	0.960	0.640	0.570	0.780	1.43	13.7	20.3	25.4	6.48	5.10	0.890 B	0.800	13
14	0.950	0.638	0.540	0.810	1.51	16.5	20.0	21.7	6.00	4.71	0.940 B	0.870	14
15	0.940	0.620	0.530	0.840	1.74	20.5	19.4	18.4	5.81	4.35	0.980 B	0.905	15
16	0.920	0.630	0.510	0.850	2.06	21.5	20.5	17.5	5.31	4.11	1.10 B	0.940	16
17	0.873	0.640	0.510	0.910	2.27	19.2	22.8	18.1	5.06	3.85	1.10 B	0.945	17
18	0.850	0.660	0.510	1.10 B	2.30	15.5	25.2	20.1	10.4	3.88	1.10 B	0.951	18
19	0.780	0.690	0.530	1.50 B	2.35	13.1	25.3	20.0	13.5	3.80	1.10 B	0.950	19
20	0.740	0.710	0.540	1.70 B	2.61	11.2	23.2	18.5	12.2	3.49	1.10 B	0.970	20
21	0.690	0.720	0.560	2.05 B	2.63	10.5	20.6	14.1	11.2	3.33	1.10 B	0.990	21
22	0.660	0.710	0.600	2.10 B	2.53	11.3	17.3	13.4	9.51	3.17	1.07 B	0.960	22
23	0.660	0.690	0.600	2.05 B	2.46	13.9	15.8	13.9	8.12	3.03	1.03 B	0.960	23
24	0.670	0.670	0.600	2.00 B	2.36	17.1	15.0	14.6	7.15	2.94	0.980 B	0.960	24
25	0.680	0.670	0.590	1.93 B	2.33	17.7	17.4	14.2	6.53	2.89	0.950 B	0.950	25
26	0.700	0.670	0.590	1.80 B	2.26	18.1	20.3	14.0	5.90	2.81	0.900 B	0.940	26
27	0.720	0.670	0.580	1.70 B	2.27	21.2	25.3	22.3	5.35	2.758	0.884 B	0.920	27
28	0.740	0.654	0.600	1.60 B	2.28	24.9	29.3	22.6	4.97	2.948	0.840 B	0.880	28
29	0.770	0.650	0.600	1.45 B	2.46	35.2	28.7	16.9	4.63	2.108	0.820 B	0.820	29
30	0.830		0.600	1.41 B	4.60	38.5	26.7	13.4	4.44	1.478	0.820 B	0.760	30
31	0.8529		0.600		10.7		26.2	11.4		1.468		0.700	31
TOTAL	25.115	20.702	18.388	34.730	89.77	435.09	640.4	628.8	236.83	114.78	32.344	27.288	TOTAL
MEAN	0.810	0.714	0.593	1.16	2.25	14.2	20.7	20.3	7.89	3.70	1.08	0.881	MEAN
MAX	0.970	0.940	0.650	2.10	10.7	38.5	29.3	26.8	13.5	5.36	1.48	0.990	MAX
MIN	0.660	0.618	0.510	0.610	1.31	5.39	13.7	11.4	4.44	1.46	0.820	0.690	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 38.5 ON JUN 30
MINIMUM DAILY, 0.510 ON MAR 16
MAXIMUM INSTANTANEOUS,
43.6 AT 03:00 MST ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 116 41 20 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 170	JUL	55 350
FEB	1 790	AUG	54 300
MAR	1 590	SEP	20 500
APR	3 000	OCT	9 520
MAY	8 030	NOV	2 780
JUN	38 700	DEC	2 350

TOTAL DISCHARGE, 168 000 dam³

MITCHELL RESERVOIR NEAR ELKWATER - STATION NO. 11AB099

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	32.592	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	33.053	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	33.280E	33.356E	33.340E	33.225E	33.030E	32.805E	32.645E	32.582E	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	32.629	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	33.315E	33.358E	33.320E	33.180E	32.982	32.752E	32.615E	32.575E	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	33.239	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	33.238E	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	33.363	33.360E	---	33.085E	---	---	33.585E	---	---	---	27
28	---	---	33.354E	---	33.288E	---	32.680E	32.895E	---	32.570E	---	---	28
29	---	33.250E	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	33.361	33.281	33.075E	33.053	---	32.590E	32.589	---	---	30
31	---	---	33.355E	---	33.270E	---	32.640E	32.680E	---	32.589E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 28 28 N
LONG 110 05 24 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 80.3 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MONITOR CREEK NEAR CONSORT - STATION NO. 05GA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.025	0.001	0	0	0	0	0.002	0.0018	---	1
2	---	---	0 B	0.018	0.001	0	0	0	0	0.002	0.0018	---	2
3	---	---	0 B	0.014	0.001	0	0	0.281	0	0.001	0.0018	---	3
4	---	---	0 B	0.012	0.001	0	0	0.555	0	0.001	0.0018	---	4
5	---	---	0 B	0.010	0.001	0	0	0.030	0	0.001	0.0018	---	5
6	---	---	0 B	0.012	0.001	0	0	0.008	0	0.001	---	---	6
7	---	---	0 B	0.021	0.001	0	0	0.004	0	0.001	---	---	7
8	---	---	0 B	0.015	0.001	0.001	0	0.003	0	0.001	---	---	8
9	---	---	0 B	0.012	0.001	0.002	0	0.002	0	0.001	---	---	9
10	---	---	0 B	0.012	0.001	0.002	0	0.002	0	0.001	---	---	10
11	---	---	0 B	0.007	0.001	0.002	0	0.002	0	0.001	---	---	11
12	---	---	0 B	0.006	0.001	0.002	0	0.001	0.001	0.001	---	---	12
13	---	---	0 B	0.007	0.001	0.002	0	0	0.002	0.001	---	---	13
14	---	---	0 B	0.006	0.001	0.002	0	0	0.002	0.001	---	---	14
15	---	---	0 B	0.005	0.001	0.002	0	0	0.002	0.001	---	---	15
16	---	---	0 B	0.004	0.001	0.002	0	0	0.002	0.001	---	---	16
17	---	---	0 B	0.003	0.001	0.002	0	0	0.002	0.001	---	---	17
18	---	---	0 B	0.002	0	0.002	0	0	0.002	0.002	---	---	18
19	---	---	0 B	0.002	0	0.002	0	0	0.002	0.002	---	---	19
20	---	---	0 B	0.002	0	0.002	0	0	0.002	0.002	---	---	20
21	---	---	0 B	0.002	0	0.002	0	0	0.011	0.002	---	---	21
22	---	---	0 B	0.002	0	0.002	0	0	0.032	0.002	---	---	22
23	---	---	0.0228	0.002	0	0.002	0	0	0.009	0.001	---	---	23
24	---	---	0.0408	0.002	0	0.001	0	0	0.005	0.001	---	---	24
25	---	---	0.0938	0.001	0	0.001	0	0	0.003	0.002	---	---	25
26	---	---	0.136	0.001	0	0.001	0	0	0.002	0.002	---	---	26
27	---	---	0.180	0.001	0	0.001	0	0	0.002	0.001	---	---	27
28	---	---	0.151	0.001	0	0	0	0	0.002	0.0018	---	---	28
29	---	---	0.219	0.001	0	0	0	0	0.002	0.0018	---	---	29
30	---	---	0.105	0.001	0	0	0	0	0.002	0.0018	---	---	30
31	---	---	0.051		0		0	0		0.0018		---	31
TOTAL	---	---	0.887	0.209	0.017	0.035	0	0.585	0.087	0.040	---	---	TOTAL
MEAN	---	---	0.032	0.007	0.001	0.001	0	0.020	0.003	0.001	---	---	MEAN
MAX	---	---	0.219	0.025	0.001	0.002	0	0.556	0.032	0.002	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.555 ON AUG 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.47 AT 22:43 MST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 25 N
LONG 110 46 37 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	15.5
MAR	68.1	SEP	7.53
APR	18.1	OCT	3.46
MAY	1.47	NOV	---
JUN	3.02	DEC	---

TOTAL DISCHARGE, 199 dam³

MONITOR CREEK NEAR MONITOR - STATION NO. 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.256	0.001	0	0.018	0	0	0.018	0.0098	---	1
2	---	---	0 B	0.246	0.001	0	0.014	0	0	0.016	0.0068	---	2
3	---	---	0 B	0.237	0.001	0	0.010	0	0	0.012	0.0068	---	3
4	---	---	0 B	0.217	0.001	0	0.009	0	0	0.011	0.0048	---	4
5	---	---	0 B	0.167	0.001	0	0.007	0	0	0.010	0.0028	---	5
6	---	---	0 B	0.134	0.001	0	0.007	0	0	0.008	---	---	6
7	---	---	0 B	0.105	0.001	0	0.005	0	0	0.007	---	---	7
8	---	---	0 B	0.083	0.001	0	0.002	0	0	0.006	---	---	8
9	---	---	0 B	0.025	0.001	0.004	0	0	0	0.005	---	---	9
10	---	---	0 B	0.035	0.001	0.008	0	0	0	0.004	---	---	10
11	---	---	0 B	0.017	0.004	0.018	0	0	0	0.004	---	---	11
12	---	---	0 B	0.022	0.003	0.023	0	0	0	0.003	---	---	12
13	---	---	0 B	0.031	0.002	0.021	0	0	0	0.003	---	---	13
14	---	---	0 B	0.013	0.002	0.023	0	0	0	0.002	---	---	14
15	---	---	0 B	0.007	0.002	0.027	0	0	0	0.002	---	---	15
16	---	---	0 B	0.002	0.003	0.023	0	0	0	0.002	---	---	16
17	---	---	0 B	0.003	0.001	0.014	0	0	0	0.005	---	---	17
18	---	---	0 B	0.003	0	0.008	0	0	0	0.024	---	---	18
19	---	---	0 B	0.001	0	0.008	0	0	0	0.041	---	---	19
20	---	---	0 0.6638	0.001	0	0.010	0	0	0	0.034	---	---	20
21	---	---	0 1038	0.001	0	0.009	0	0	0	0.027	---	---	21
22	---	---	0.1608	0.001	0	0.011	0	0	0.001	0.023	---	---	22
23	---	---	0 2178	0.003	0	0.026	0	0	0.174	0.018	---	---	23
24	---	---	0 2898	0.009	0	0.045	0	0	0.188	0.021	---	---	24
25	---	---	0 3668	0.008	0	0.043	0	0	0.103	0.027	---	---	25
26	---	---	0 4638	0.007	0	0.045	0	0	0.078	0.033	---	---	26
27	---	---	0 4128	0.008	0	0.048	0	0	0.061	0.035	---	---	27
28	---	---	0 3398	0.005	0	0.048	0	0	0.050	0.0288	---	---	28
29	---	---	0 2378	0.001	0	0.035	0	0	0.040	0.0208	---	---	29
30	---	---	0 2108	0.001	0	0.022	0	0	0.025	0.0138	---	---	30
31	---		0.1748		0		0	0		0.0118		---	31
TOTAL	---	---	3.215	1.622	0.027	0.516	0.072	0	0.688	0.476	---	---	TOTAL
MEAN	---	---	0.104	0.054	0.001	0.017	0.002	0	0.023	0.015	---	---	MEAN
MAX	---	---	0.663	0.250	0.004	0.045	0.018	0	0.174	0.041	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.027
MAXIMUM DAILY, 0.6638 ON MAR 26
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 10 N
LONG 110 34 30 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.22
FEB	---	AUG	0
MAR	278	SEP	59.4
APR	140	OCT	41.1
MAY	2.33	NOV	---
JUN	44.8	DEC	---

TOTAL DISCHARGE, 572 dam³

MONTAGNEUSE RIVER NEAR MINES CREEK - STATION NO. 07FD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.8098	0.468	1.12	1.78	0.027	0.028	0.042	0.0108	---	1
2	---	---	0 B	1.04 B	0.588	0.883	3.00	0.035	0.039	0.045	---	---	2
3	---	---	0 B	1.23 B	0.480	0.843	2.55	0.047	0.045	0.051	---	---	3
4	---	---	0 B	1.36 B	0.456	0.748	2.08	0.036	0.054	0.088	---	---	4
5	---	---	0 B	1.42 B	0.609	0.841	1.59	0.031	0.051	0.120	---	---	5
6	---	---	0 B	1.23 B	0.556	0.837	1.31	0.038	0.068	0.027	---	---	6
7	---	---	0 B	1.15 B	0.524	0.803	1.35	0.044	0.070	0.202	---	---	7
8	---	---	0 B	0.8488	0.536	1.24	1.35	0.039	0.073	0.111	---	---	8
9	---	---	0 B	0.7018	0.521	1.65	1.35	0.040	0.064	0.045	---	---	9
10	---	---	0 B	0.5558	0.519	1.86	1.29	0.035	0.118	0.025	---	---	10
11	---	---	0 B	0.4698	0.504	1.18	1.11	0.038	0.122	0.029	---	---	11
12	---	---	0 B	0.4798	0.533	0.938	0.886	0.041	0.109	0.026	---	---	12
13	---	---	0 B	0.5238	0.555	0.796	0.699	0.053	0.108	0.024	---	---	13
14	---	---	0 B	0.5198	0.559	0.627	0.608	0.059	0.130	0.027	---	---	14
15	---	---	0 B	0.462	0.631	0.504	0.529	0.058	0.212	0.029	---	---	15
16	---	---	0 B	0.472	0.814	0.436	0.484	0.057	0.063	0.034	---	---	16
17	---	---	0 B	0.494	1.03	0.366	0.459	0.048	0.036	0.037	---	---	17
18	---	---	0 B	0.553	1.34	0.306	0.385	0.046	0.033	0.038	---	---	18
19	---	---	0 B	0.476	1.48	0.255	0.321	0.041	0.028	0.038	---	---	19
20	---	---	0 B	0.439	1.61	0.243	0.264	0.048	0.034	0.043	---	---	20
21	---	---	0 B	0.420	5.57	0.225	0.232	0.060	0.035	0.047	---	---	21
22	---	---	0 B	0.380	26.9	0.202	0.204	0.069	0.034	0.047	---	---	22
23	---	---	0 0.508	0.298	23.2	0.173	0.188	0.037	0.038	0.050	---	---	23
24	---	---	0 2008	0.265	13.9	0.169	0.174	0.042	0.041	0.054	---	---	24
25	---	---	0 3008	0.351	8.75	0.206	0.143	0.033	0.039	0.063	---	---	25
26	---	---	0 2608	0.363	5.75	0.185	0.108	0.028	0.038	0.0438	---	---	26
27	---	---	0 2908	0.358	3.88	0.178	0.080	0.028	0.041	0.0308	---	---	27
28	---	---	0 3008	0.364	2.76	0.140	0.084	0.027	0.041	0.0238	---	---	28
29	---	---	0 3148	0.414	2.13	0.123	0.062	0.029	0.038	0.0178	---	---	29
30	---		0 4008	0.481	1.93	0.483	0.036	0.026	0.037	0.0138	---	---	30
31	---		0 5848		1.28		0.032	0.027		0.0118		---	31
TOTAL	---	---	3.716	16.943	110.883	16.052	24.726	1.245	1.879	1.489	---	---	TOTAL
MEAN	---	---	0.088	0.631	3.58	0.802	0.798	0.040	0.063	0.048	---	---	MEAN
MAX	---	---	0.584	1.42	26.9	1.86	3.00	0.060	0.212	0.202	---	---	MAX
MIN	---	---	0	0.255	0.456	0.123	0.032	0.026	0.026	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.734
MAXIMUM DAILY, 26.9 ON MAY 22
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
30.6 AT 15:30 MST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 00 N
LONG 114 42 40 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 140
FEB	---	AUG	108
MAR	235	SEP	162
APR	1 640	OCT	129
MAY	9 580	NOV	---
JUN	1 660	DEC	---

TOTAL DISCHARGE, 15 800 dam³

MOORE LAKE NEAR COLD LAKE - STATION NO 05AC002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	549.481E	549.488	549.525	549.532	549.531	549.440	549.428	549.410	---	1
2	---	---	---	549.483A	549.490	549.532	549.528	549.530	549.439	549.425	549.414	---	2
3	---	---	---	549.485E	549.486	549.533	549.524	549.522	549.440	549.426	549.413	---	3
4	---	---	---	549.488E	549.476	549.538	549.522	549.531	549.440	549.425	549.413	---	4
5	---	---	---	549.491E	549.481	549.538	549.525	549.526	549.440	549.423	549.414	---	5
6	---	---	---	549.493E	549.472	549.541	549.534	549.532	549.439	549.423	549.417	---	6
7	---	---	---	549.496A	549.467	549.551	549.531	549.528	549.461	549.421	549.418A	---	7
8	---	---	---	549.492	549.472	549.555	549.531	549.520	549.459	549.421	---	---	8
9	---	---	---	549.491	549.472	549.544	549.530	549.520	549.462	549.423	---	---	9
10	---	---	---	549.492	549.462	549.545	549.532	549.518	549.462	549.423	---	---	10
11	---	---	---	549.493	549.463	549.548	549.533	549.515	549.457	549.421	---	---	11
12	---	---	---	549.498	549.463	549.555	549.532	549.509	549.463	549.418	---	---	12
13	---	---	---	549.502	549.484	549.549	549.531	549.521	549.463	549.414	---	---	13
14	---	---	549.422A	549.504	549.487	549.550	549.541	549.510	549.462	549.414	---	---	14
15	---	---	---	549.505	549.486	549.550	549.539	549.503	549.458	549.412	---	---	15
16	---	---	---	549.505	549.486	549.550	549.534	549.497	549.456	549.423	---	---	16
17	---	---	---	549.503	549.473	549.550	549.531	549.499	549.453	549.433	---	---	17
18	---	---	---	549.501	549.502	549.548	549.532	549.500	549.452	549.439	---	---	18
19	---	---	---	549.505	549.511	549.548	549.535	549.491	549.450	549.436	---	---	19
20	---	---	---	549.510	549.516	549.552	549.533	549.488	549.448	549.432	---	---	20
21	---	---	---	549.507	549.522	549.553	549.531	549.487	549.451	549.431	---	---	21
22	---	---	---	549.507	549.524	549.552	549.532	549.487	549.449	549.429	---	---	22
23	---	---	---	549.505	549.534	549.549	549.531	549.487	549.448	549.434	---	---	23
24	---	---	---	549.503	549.527	549.547	549.532	549.483	549.447	549.435	---	---	24
25	---	---	---	549.506	549.526	549.545	549.537	549.482	549.444	549.434	---	---	25
26	---	---	---	549.500	549.527	549.541	549.538	549.477	549.440	549.430	---	---	26
27	---	---	---	549.493	549.524	549.541	549.544	549.471	549.438	549.422	---	---	27
28	---	---	---	549.497	549.526	549.540	549.540	549.468	549.433	549.418	---	---	28
29	---	---	---	549.491	549.526	549.544	549.535	549.468	549.432	549.414	---	---	29
30	---		---	549.487	549.526	549.535	549.532	549.463	549.433	549.413	---	---	30
31	---		549.480A		549.520		549.530	549.439		549.412		---	31
MEAN	---	---	---	549.497	549.495	549.545	549.533	549.498	549.448	549.424	---	---	MEAN
MAX	---	---	---	549.510	549.534	549.555	549.544	549.533	549.463	549.439	---	---	MAX
MIN	---	---	---	549.481	549.462	549.526	549.522	549.438	549.432	549.412	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 549.555 ON JUN 8

MAXIMUM INSTANTANEOUS,
549.575 AT 18 48 MST ON JUN 11

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 30 00 N
LONG 110 34 00 W

A - MANUAL GAUGE

E - ESTIMATED

DRAINAGE AREA,
42.2 km²

MOOSEHILLS CREEK NEAR ELK POINT - STATION NO 05ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2468	0.030	0.117	0.001	0.001	0.001	0.002	0B	---	1
2	---	---	0 B	0.202	0.018	0.209	0.001	0.001	0.001	0.001	0B	---	2
3	---	---	0 B	0.178	0.017	0.181	0.001	0.001	0.001	0.001	0B	---	3
4	---	---	0 B	0.170	0.015	0.129	0.001	0.001	0.001	0.001	0B	---	4
5	---	---	0 B	0.158	0.015	0.109	0.001	0.001	0.001	0.001	0B	---	5
6	---	---	0 B	0.173	0.011	0.075	0.002	0.001	0.001	0.001	0B	---	6
7	---	---	0 B	0.154	0.009	0.205	0.003	0.001	0.001	0.001	0B	---	7
8	---	---	0 B	0.089	0.009	0.334	0.003	0.001	0.001	0.001	---	---	8
9	---	---	0 B	0.081	0.008	0.289	0.006	0.001	0.001	0.001	---	---	9
10	---	---	0 B	0.110	0.009	0.233	0.005	0.001	0.002	0.001	---	---	10
11	---	---	0 B	0.086	0.009	0.170	0.004	0.001	0.001	0.001	---	---	11
12	---	---	0 B	0.030	0.006	0.197	0.001	0.001	0.002	0.001	---	---	12
13	---	---	0 B	0.003	0.011	0.274	0.002	0.001	0.001	0.002	---	---	13
14	---	---	0 B	0.005	0.008	0.111	0.004	0.001	0.001	0.001	---	---	14
15	---	---	0 B	0.006	0.006	0.078	0.002	0.001	0.001	0.001	---	---	15
16	---	---	0 B	0.009	0.016	0.066	0.002	0.001	0.001	0.001	---	---	16
17	---	---	0 B	0.020	0.082	0.072	0.001	0.001	0.001	0.005	---	---	17
18	---	---	0 B	0.059	0.358	0.072	0.001	0.001	0.001	0.005	---	---	18
19	---	---	0 B	0.042	0.307	0.050	0.001	0.001	0.001	0.003	---	---	19
20	---	---	0.0039	0.052	0.251	0.023	0.001	0.001	0.001	0.002	---	---	20
21	---	---	0.0048	0.054	0.232	0.015	0.001	0.001	0.003	0.002	---	---	21
22	---	---	0.0068	0.058	0.209	0.008	0.001	0.001	0.009	0.001	---	---	22
23	---	---	0.0078	0.061	0.113	0.003	0.001	0.001	0.004	0.002	---	---	23
24	---	---	0.0095	0.070	0.188	0.001	0.001	0.001	0.004	0.001	---	---	24
25	---	---	0.0138	0.064	0.159	0.001	0.001	0.001	0.002	0.002	---	---	25
26	---	---	0.0158	0.036	0.127	0.001	0.001	0.001	0.004	0.008	---	---	26
27	---	---	0.0228	0.035	0.088	0.001	0.001	0.001	0.002	0.005	---	---	27
28	---	---	0.0298	0.019	0.093	0.001	0.001	0.001	0.001	0.003	---	---	28
29	---	---	0.2818	0.008	0.081	0.001	0.001	0.001	0.002	0.003	---	---	29
30	---		0.2458	0.013	0.042	0.001	0.001	0.001	0.001	0.002	---	---	30
31	---		0.2518		0.038		0.001	0.001		0.001		---	31
TOTAL	---	---	0.883	2.302	2.833	3.005	0.054	0.031	0.0L4	0.082	---	---	TOTAL
MEAN	---	---	0.028	0.077	0.082	0.100	0.002	0.001	0.002	0.002	---	---	MEAN
MAX	---	---	0.251	0.248	0.358	0.334	0.006	0.001	0.009	0.008	---	---	MAX
MIN	---	---	0	0.003	0.005	0.001	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 0.358 ON MAY 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.24 AT 10:27 MST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 03 N
LONG 110 46 38 W

DRAINAGE AREA, 36.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4.67
FEB	---	AUG	2.68
MAR	74.8	SEP	4.67
APR	185	OCT	5.26
MAY	219	NOV	---
JUN	260	DEC	---

TOTAL DISCHARGE, 770 dam³

MOOSELAKE RIVER NEAR FRANCHERE - STATION NO. 05AC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0018	08	0 8	0.0588	0.006	0.010	0.001	0.001 E	0	0.002	0.0028	0.0028	1
2	0.0018	08	0 8	0.0478	0.005	0.009	0.001	0.001E	0	0.001	0.0028	0.0028	2
3	0.0018	08	0 8	0.0538	0.005	0.008	0.001	0.001E	0	0.001	0.0028	0.0028	3
4	0.0018	08	0 8	0.0438	0.005	0.017	0.001	0.001E	0	0.002	0.0028	0.0028	4
5	0.0018	08	0 8	0.0458	0.004	0.013	0.001	0.002	0	0.002	0.0028	0.0028	5
6	0.0018	08	0 8	0.0308	0.004	0.013	0.002	0.004	0	0.002	0.0028	0.0028	6
7	0.0018	08	0 8	0.0108	0.004	0.041	0.003	0.004	0.002	0.002	0.0028	0.0028	7
8	0.0018	08	0 8	0.0128	0.003	0.077	0.003	0.005	0.003	0.002	0.0028	0.0028	8
9	0.0018	08	0 8	0.0098	0.003	0.113	0.003	0.005	0.002	0.002	0.0028	0.0028	9
10	0.0018	08	0 8	0.0128	0.003	0.104	0.003	0.005	0.072	0.002	0.0028	0.0028	10
11	0.0018	08	0 8	0.0128	0.003	0.086	0.002	0.005	0.047	0.002	0.0028	0.0028	11
12	0.0018	08	0 8	0.0128	0.003	0.081	0.001	0.005	0.009	0.002	0.0028	0.0028	12
13	0.0018	08	0 8	0.011	0.003	0.062	0.002	0.005	0.004	0.003	0.0028	0.0028	13
14	0.0018	08	0 8	0.013	0.002	0.072	0.003	0.005	0.004	0.003	0.0029	0.0018	14
15	0.0018	08	0 8	0.015	0.002	0.088	0.003	0.005	0.004	0.003	0.0028	0.0018	15
16	0.0018	08	0 8	0.019	0.003	0.083	0.002	0.004	0.004	0.003	0.0028	0.0018	16
17	0.0018	08	0 8	0.024	0.003	0.082	0.002	0.004	0.004	0.004	0.0028	0.0018	17
18	0 8	08	0 8	0.021	0.005	0.042	0.002	0.004	0.003	0.004	0.0028	0.0018	18
19	0 8	08	0.0018	0.016	0.003	0.034	0.001	0.003	0.003	0.004	0.0028	0.0018	19
20	0 8	08	0.0028	0.018	0.005	0.026	0.002	0.003	0.003	0.004	0.0028	0.0018	20
21	0 8	08	0.0038	0.021	0.005	0.018	0.002	0.003	0.003	0.004	0.0028	0.0018	21
22	0 8	08	0.0058	0.017	0.004	0.010	0.002	0.003	0.003	0.0038	0.0028	0.0018	22
23	0 8	08	0.0068	0.022	0.004	0.008	0.002	0.003	0.003	0.0048	0.0028	0.0018	23
24	0 8	08	0.0078	0.012	0.003	0.006	0.002	0.003	0.003	0.0048	0.0028	0.0018	24
25	0 8	08	0.0098	0.009	0.005	0.005	0.002	0.002	0.003	0.1238	0.0028	0.0018	25
26	0 8	08	0.0118	0.008	0.004	0.004	0.001	0.002	0.003	0.0078	0.0028	0.0018	26
27	0 8	08	0.0188	0.008	0.001	0.003	0.001	0.002	0.003	0.0028	0.0028	0.0018	27
28	0 8	08	0.0238	0.007	0.002	0.003	0.002	0.001	0.002	0.0028	0.0028	0.0018	28
29	0 8	08	0.0428	0.007	0.002	0.003	0.001	0.001	0.002	0.0028	0.0028	0.0018	29
30	0 8		0.0728	0.006	0.003	0.002	0.001	0	0.002	0.0028	0.0028	0.0018	30
31	0 8		0.0708		0.005		0.001	0		0.0028		0.0018	31
TOTAL	0.017	0	0.287	0.805	0.112	1.089	0.058	0.082	0.181	0.205	0.060	0.044	TOTAL
MEAN	0.001	0	0.009	0.020	0.004	0.036	0.002	0.003	0.006	0.007	0.002	0.001	MEAN
MAX	0.001	0	0.072	0.058	0.008	0.113	0.003	0.005	0.072	0.123	0.002	0.002	MAX
MIN	0	0	0	0.006	0.001	0.002	0.001	0	0	0.001	0.002	0.001	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.1238 ON OCT 25
MINIMUM DAILY, 0.0 ON JAN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 20 25 N
LONG 111 00 10 W
DRAINAGE AREA 1 010 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 47	JUL	4 84
FEB	0	AUG	7 95
MAR	23 1	SEP	16 5
APR	52 3	OCT	17 7
MAY	9 68	NOV	5 18
JUN	94 1	DEC	3 80

TOTAL DISCHARGE, 237 dam³

MOSQUITO CREEK NEAR THE MOUTH - STATION NO 05AC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 156	0 260	0 524	0 761	1 02	0 290	0 350	---	---	1
2	---	---	0 8	0 139	0 255	0 531	0 731	0 958	0 330	0 344	---	---	2
3	---	---	0 8	0 123	0 211	0 575	0 767	0 914	0 319	0 336	---	---	3
4	---	---	0 8	0 117	0 218	0 646	0 748	0 927	0 303	0 329	---	---	4
5	---	---	0 8	0 114	0 245	0 711	0 759	0 762	0 282	0 318	---	---	5
6	---	---	0 8	0 108	0 283	0 736	0 736	0 736	0 300	0 314	---	---	6
7	---	---	0 8	0 111	0 266	0 694	0 709	0 738	0 367	0 315	---	---	7
8	---	---	0 8	0 261	0 873	0 705	0 723	0 392	0 310	---	---	8	
9	---	---	0 8	0 109	0 236	1 02	0 762	0 728	0 431	0 311	---	---	9
10	---	---	0 0028	0 108	0 237	0 983	0 782	0 805	0 388	0 307	---	---	10
11	---	---	0 0028	0 103	0 256	0 875	0 782	0 516	0 320	0 299	---	---	11
12	---	---	0 0038	0 099	0 271	0 874	0 705	0 537	0 324	0 308	---	---	12
13	---	---	0 0038	0 098	0 292	0 866	0 658	0 330	0 362	0 291	---	---	13
14	---	---	0 0028	0 091	0 287	0 846	0 483	0 347	0 282	0 283	---	---	14
15	---	---	0 0018	0 084	0 271	0 878	0 510	0 283	0 231	0 280	---	---	15
16	---	---	0 0028	0 072	0 283	0 855	0 585	0 286	0 248	0 285	---	---	16
17	---	---	0 0308	0 068	0 334	0 783	0 595	0 281	0 292	0 291	---	---	17
18	---	---	0 0808	0 095	0 351	0 808	0 775	0 270	0 283	0 2948	---	---	18
19	---	---	0 0808	0 113	0 373	0 784	0 988	0 329	0 281	0 2888	---	---	19
20	---	---	0 0898	0 155	0 450	0 882	0 920	0 386	0 318	0 2858	---	---	20
21	---	---	0 1138	0 214	0 447	0 852	0 909	0 374	0 417	0 2658	---	---	21
22	---	---	0 1748	0 263	0 448	0 980	1 01	0 401	0 484	0 1338	---	---	22
23	---	---	0 1888	0 277	0 482	1 04	1 07	0 381	0 513	0 0928	---	---	23
24	---	---	0 2098	0 276	0 554	0 955	0 983	0 362	0 446	0 0588	---	---	24
25	---	---	0 2088	0 269	0 610	0 943	0 984	0 384	0 421	0 0388	---	---	25
26	---	---	0 2458	0 276	0 607	0 971	0 910	0 287	0 388	0 0258	---	---	26
27	---	---	0 282	0 268	0 643	0 934	0 921	0 252	0 358	0 0188	---	---	27
28	---	---	0 301	0 263	0 730	0 827	0 965	0 230	0 344	0 0108	---	---	28
29	---	---	0 307	0 263	0 802	0 763	1 02	0 240	0 341	0 0068	---	---	29
30	---		0 224	0 269	0 819	0 743	1 12	0 256	0 339	0 0028	---	---	30
31	---		0 187		0 806		1 05	0 272		0 0018		---	31
TOTAL	---	---	2 879	4 807	11 763	24 835	25 391	15 084	10 372	8 782	---	---	TOTAL
MEAN	---	---	0 086	0 160	0 379	0 828	0 819	0 487	0 346	0 218	---	---	MEAN
MAX	---	---	0 307	0 276	0 890	1 04	1 12	1 02	0 513	0 350	---	---	MAX
MIN	---	---	0	0 068	0 211	0 524	0 483	0 230	0 231	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 1.12 ON JUL 30
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.20 AT 16.55 MST ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 20 N
LONG 113 33 15 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 190
FEB	---	AUG	1 300
MAR	231	SEP	898
APR	415	OCT	584
MAY	1 020	NOV	---
JUN	2 150	DEC	---

TOTAL DISCHARGE, 8 760 dam³

MOUNTAIN VIEW IRRIGATION DISTRICT CANAL - STATION NO. 05AD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.001	1.46	1.78	3.53	2.33	0.331	0B	---	1
2	---	---	---	0	0	1.38	1.71	3.51	2.28	0.332	0B	---	2
3	---	---	---	0	0	1.32	1.69	3.56	2.25	0.335	0B	---	3
4	---	---	---	0	0	1.30	1.68	3.49	2.22	0.333	0B	---	4
5	---	---	---	0	0	1.31	1.67	3.40	2.19	0.331	0B	---	5
6	---	---	---	0	0	1.84	1.93	3.11	2.28	0.331	0B	---	6
7	---	---	---	0	0	2.17	2.22	2.93	2.38	0.328	0B	---	7
8	---	---	---	0	0.220	2.21	2.18	2.85	2.38	0.328	0B	---	8
9	---	---	---	0	0.710	2.18	2.16	2.50	2.43	0.325	0B	---	9
10	---	---	---	0	1.03	2.14	2.58	2.48	2.48	0.327	0B	---	10
11	---	---	---	0	1.77	2.63	3.01	2.51	2.47	0.327	0B	---	11
12	---	---	---	0	2.23	2.99	3.04	2.51	2.06	0.317	0B	---	12
13	---	---	---	0	2.28	2.99	3.06	2.50	1.85	0.736	0B	---	13
14	---	---	---	0.015	2.36	3.05	3.04	2.50	1.64	1.62	0B	---	14
15	---	---	---	0.007	2.53	3.17	3.02	2.49	1.83	2.04	0B	---	15
16	---	---	---	0	2.62	3.13	2.99	2.43	1.81	2.37	0B	---	16
17	---	---	---	0	2.34	3.04	2.97	2.46	1.58	2.38	0B	---	17
18	---	---	---	0.018	2.28	3.00	2.96	2.46	1.58	1.29	0B	---	18
19	---	---	---	0.035	2.28	2.92	2.96	2.47	1.58	0	0B	---	19
20	---	---	---	0.044	2.38	2.83	3.00	2.47	1.60	0	0B	---	20
21	---	---	---	0.028	2.43	2.98	2.94	2.45	1.65	0	0B	---	21
22	---	---	---	0.007	2.34	2.67	2.89	2.42	1.17	0	0B	---	22
23	---	---	---	0	2.27	2.34	3.20	2.39	0.353	0	0B	---	23
24	---	---	---	0	2.22	2.29	3.43	2.38	0.348	0	0B	---	24
25	---	---	---	0	2.20	2.06	3.37	2.38	0.350	0	0B	---	25
26	---	---	---	0	2.15	1.88	3.35	2.35	0.347	0 B	0B	---	26
27	---	---	---	0.001	2.11	1.90	3.55	2.34	0.343	0 B	0B	---	27
28	---	---	0A	0.004	1.98	1.91	3.65	2.33	0.337	0 B	0B	---	28
29	---	---	0	0.005	1.89	1.88	3.68	2.32	0.333	0 B	0B	---	29
30	---		0	0.004	1.78	1.85	3.73	2.30	0.332	0 B	0B	---	30
31	---		0		1.80		3.84	2.30		0 B		---	31
TOTAL	---	---	---	0.184	67.841	68.82	87.09	81.94	46.184	14.377	0	---	TOTAL
MEAN	---	---	---	0.005	1.54	2.29	2.81	2.64	1.54	0.464	0	---	MEAN
MAX	---	---	---	0.044	2.62	3.17	3.73	3.56	2.48	2.38	0	---	MAX
MIN	---	---	---	0	0	1.30	1.67	2.30	0.332	0	0	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.42
MAXIMUM DAILY, 3.73 ON JUL 30
MINIMUM DAILY, 0 ON APR 1

SUMMARY FOR THE MONTHS APR TO NOV

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 00 N
LONG 113 41 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 520
FEB	---	AUG	7 080
MAR	---	SEP	3 990
APR	14 2	OCT	1 540
MAY	4 130	NOV	0
JUN	5 950	DEC	---

TOTAL DISCHARGE, 29 900 dam³

MUD LAKE DIVERSION CANAL - STATION NO. 05BF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.1138	2.10	3.47	2.21	0.930	0.478	0.2278	---	1
2	---	---	---	---	0.1138	1.61	2.61	2.20	0.846	0.470	0.2278	---	2
3	---	---	---	---	0.1138	1.18	2.04	2.31	0.770	0.493	---	---	3
4	---	---	---	---	0.1138	1.13	2.26	2.24	0.773	0.532	---	---	4
5	---	---	---	---	0.1138	1.28	2.73	2.18	0.888	0.527	---	---	5
6	---	---	---	---	0.1138	1.66	3.52	2.40	1.17	0.488	---	---	6
7	---	---	---	---	0.1138	2.26	2.78	2.11	0.937	0.498	---	---	7
8	---	---	---	---	0.1138	3.17	2.05	1.74	0.748	0.604	---	---	8
9	---	---	---	---	0.1138	3.24	1.78	1.93	0.705	0.678	---	---	9
10	---	---	---	---	0.1138	2.53	1.72	1.88	0.670	0.658	---	---	10
11	---	---	---	---	0.105	2.33	2.11	2.05	0.653	0.643	---	---	11
12	---	---	---	---	0.086	2.96	2.51	2.02	0.671	0.610	---	---	12
13	---	---	---	---	0.093	3.87	2.48	2.15	0.657	0.570	---	---	13
14	---	---	---	---	0.116	4.22	2.24	1.84	0.621	0.517	---	---	14
15	---	---	---	---	0.212	5.13	2.18	1.40	0.586	0.478	---	---	15
16	---	---	---	---	0.367	5.26	2.27	1.37	0.550	0.470	---	---	16
17	---	---	---	---	0.471	4.59	2.56	1.47	0.639	0.446	---	---	17
18	---	---	---	---	0.490	3.50	2.75	1.73	0.886	0.417	---	---	18
19	---	---	---	---	0.469	2.89	2.59	1.83	1.12	0.408	---	---	19
20	---	---	---	---	0.495	2.84	2.32	1.22	0.986	0.374	---	---	20
21	---	---	---	---	0.455	3.00	2.14	1.02	0.926	0.372	---	---	21
22	---	---	---	---	0.406	2.70	1.72	1.03	0.811	0.365	---	---	22
23	---	---	---	---	0.401	2.40	1.53	1.22	0.708	0.347	---	---	23
24	---	---	---	---	0.388	2.96	1.55	1.21	0.640	0.328	---	---	24
25	---	---	---	---	0.363	3.88	1.84	1.15	0.637	0.325	---	---	25
26	---	---	---	---	0.354	4.29	2.36	1.13	0.600	0.325	---	---	26
27	---	---	---	---	0.362	4.44	3.02	1.58	0.637	0.2638	---	---	27
28	---	---	---	---	0.403	5.38	3.01	1.61	0.521	0.2638	---	---	28
29	---	---	---	---	0.545	7.22	2.74	1.17	0.516	0.2558	---	---	29
30	---		---	---	1.15	6.34	2.41	0.977	0.507	0.2558	---	---	30
31	---		---		2.82		2.42	0.937		0.2278		---	31
TOTAL	---	---	---	---	11.464	100.24	73.59	51.124	22.222	13.738	---	---	TOTAL
MEAN	---	---	---	---	0.370	3.34	2.37	1.65	0.741	0.443	---	---	MEAN
MAX	---	---	---	---	2.82	7.22	3.52	2.40	1.17	0.878	---	---	MAX
MIN	---	---	---	---	0.086	1.13	1.53	0.937	0.507	0.227	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 7.22 ON JUN 29
MINIMUM DAILY, 0.086 ON MAY 12

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 30 N
LONG 115 18 00 W
DRAINAGE AREA, 41.7 km²

B - ICE CONDITIONS

REGULATED SINCE 1948

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 360
FEB	---	AUG	4 430
MAR	---	SEP	1 920
APR	---	OCT	1 190
MAY	880	NOV	---
JUN	6 680	DEC	---

TOTAL DISCHARGE, 23 500 dam³

MURIEL LAKE AT CURNEYVILLE - STATION NO. 05AC007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	559.421	559.441	559.447	---	---	559.415	559.348	559.225	559.232	559.234	559.259	1
2	---	559.422	559.436	559.448	---	---	559.407	559.345	559.212	559.234	559.237	559.259	2
3	---	559.421	559.441	559.450	---	---	559.407	559.343	559.222	559.229	559.236	559.256	3
4	---	559.416	559.440	559.452	---	---	559.456A	559.362	559.217	559.226	559.239	559.256	4
5	---	559.420	559.441	559.452	---	559.480	559.414	559.340	559.221	559.225	559.240	559.257	5
6	---	559.420	559.442	559.454	---	559.483	559.408	559.340	559.225	559.225	559.237	559.259	6
7	---	559.422	559.439	559.458	---	559.488	559.390	559.329	559.228	559.224	559.238	559.260	7
8	---	559.421	559.440	559.459	---	559.473	559.388	559.325	559.237	559.225	559.235	559.257	8
9	559.404A	559.421	559.443	559.457	---	559.468	559.391	559.328	559.242	559.224	559.233	559.256	9
10	559.402	559.427	559.442	559.458	---	559.467	559.391	559.325	559.243	559.219	559.232	559.254	10
11	559.406	559.430	559.443	559.459	--	559.471	559.392	559.323	559.243	559.222	559.230	559.254	11
12	559.406	559.431	559.443	559.460	---	559.471	559.389	559.321	559.248	559.222	559.234	559.255	12
13	559.405	559.432	559.444	559.461	---	559.471	559.384	559.313	559.246	559.218	559.241	559.255	13
14	559.406	559.432	559.444	559.463	---	559.472	559.384	559.313	559.245	559.217	559.257	559.256	14
15	559.407	559.433	559.445	559.462	---	559.469	559.378	559.314	559.237	559.218	559.260	559.255	15
16	559.406	559.434	559.443	559.463	---	559.469	559.376	559.313	559.240	559.211	559.262	559.257	16
17	559.405	559.435	559.444	559.462	---	559.461	559.376	559.312	559.237	559.229	559.262	559.257	17
18	559.407	559.436	559.443	559.464	---	559.461	559.372	559.311	559.238	559.242	559.261	559.261	18
19	559.408	559.437	559.442	559.466	---	559.457	559.374	559.308	559.230	559.243	559.260	559.260	19
20	559.409	559.438	559.443	559.470	---	559.456	559.370	559.301	559.233	559.242	559.261	559.261	20
21	559.410	559.439	559.441	559.469	---	559.455	559.367	559.304	559.242	559.241	559.259	559.260	21
22	559.411	559.438	559.442	559.468	---	559.454	559.360	559.298	559.257	559.236	559.258	559.260	22
23	559.412	559.436	559.442	559.465	---	559.451	559.364	559.295	559.246	559.242	559.260	559.259	23
24	559.408	559.437	559.442	559.466	---	559.451	559.384	559.293	559.245	559.239	559.259	559.258	24
25	559.411	559.437	559.444	559.480	---	559.443	559.382	559.298	559.242	559.237	559.256	559.259	25
26	559.413	559.439	559.443	559.454	---	559.443	559.362	559.290	559.239	559.230	559.254	559.261	26
27	559.410	559.437	559.443	559.449	---	559.443	559.361	559.274	559.237	559.232	559.255	559.261	27
28	559.419	559.438	559.442	559.449	---	559.444	559.358	559.229	559.233	559.228	559.253	559.260	28
29	559.418	559.439	559.442	559.445	---	559.444	559.355	559.213	559.233	559.226	559.256	559.261	29
30	559.419		559.444	559.448A	---	559.416	559.352	559.235	559.230	559.228	559.260	559.264	30
31	559.421		559.445		---		559.350	559.228		559.232		559.264	31
MEAN	---	559.431	559.442	559.458	---	---	559.381	559.305	559.236	559.228	559.249	559.259	MEAN
MAX	---	559.439	559.445	559.470	---	---	559.456	559.345	559.267	559.243	559.262	559.264	MAX
MIN	---	559.416	559.436	559.445	---	---	559.350	559.213	559.212	559.211	559.230	559.254	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 110 45 05 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
484 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

MUSKEG CREEK NEAR WESTEROSE - STATION NO 05FA912

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.409	0	0.308	0.080	0.008	0	0.207	---	---	1
2	---	---	---	0.380	0	0.248	0.072	0	0	0.175	---	---	2
3	---	---	---	0.372	0.011	0.170	0.081	0.022	0	0.188	---	---	3
4	---	---	---	0.354	0.158	0.134	0.068	0.267	0.001	0.184	---	---	4
5	---	---	---	0.318	0.301	0.165	0.084	0.181	0.005	0.183	---	---	5
6	---	---	---	0.282	0.250	0.129	0.074	0.037	0.150	0.176	---	---	6
7	---	---	---	0.317	0.177	0.248	0	0.085	0.852	0.089	---	---	7
8	---	---	---	0.257	0.084	0.542	0	0.016	0.568	0.051	---	---	8
9	---	---	---	0.196	0.076	0.895	0.018	0	0.226	0.058	---	---	9
10	---	---	---	0.169	0.068	1.05	0.031	0	0.205	0.080	---	---	10
11	---	---	---	0.158	0.059	0.856	0.033	0.008	0.301	0.056	---	---	11
12	---	---	---	0.126	0.024	0.423	0.025	0	0.185	0.082	---	---	12
13	---	---	---	0.101	0.026	0.268	0.038	0.027	0.109	0.040	---	---	13
14	---	---	---	0.083	0.026	0.218	0.078	0.008	0.104	0.057	---	---	14
15	---	---	---	0.133	0.065	0.189	0.118	0.001	0.107	0.048	---	---	15
16	---	---	---	0.180	0.238	0.228	0.111	0.002	0.087	0.070	---	---	16
17	---	---	---	0.135	0.550	0.480	0.004	0	0.086	0.084	---	---	17
18	---	---	---	0.126	0.454	0.309	0	0	0.109	0.045	---	---	18
19	---	---	---	0.099	0.316	0.251	0	0.024	0.111	0.004	---	---	19
20	---	---	---	0.116	0.190	0.231	0.018	0.025	0.195	0.087	---	---	20
21	---	---	0.0458	0.124	0.182	0.230	0.003	0.024	0.289	0.145	---	---	21
22	---	---	0.207	0.093	0.188	0.231	0.004	0.036	0.934	0.123	---	---	22
23	---	---	0.819	0.065	0.127	0.185	0.005	0.038	0.888	0.126	---	---	23
24	---	---	0.983	0.046	0.163	0.180	0.015	0.035	0.538	0.140A	---	---	24
25	---	---	0.777	0.029	0.255	0.172	0.006	0.044	0.401	0.1369	---	---	25
26	---	---	0.628	0.032	0.225	0.149	0.002	0.035	0.334	0.1308	---	---	26
27	---	---	0.383	0	0.217	0.159	0.002	0.032	0.281	0.1288	---	---	27
28	---	---	0.442	0	0.188	0.178	0.006	0.024	0.233	0.1208	---	---	28
29	---	---	0.491	0	0.125	0.155	0.011	0	0.189	0.1158	---	---	29
30	---		0.438	0.015	0.104	0.110	0.008	0	0.200	0.1108	---	---	30
31	---		0.383		0.137		0.008	0		0.1088		---	31
TOTAL	---	---	---	4.749	4.882	8.989	0.891	0.866	7.318	3.238	---	---	TOTAL
MEAN	---	---	---	0.153	0.161	0.300	0.032	0.031	0.244	0.104	---	---	MEAN
MAX	---	---	---	0.409	0.550	1.05	0.118	0.267	0.934	0.207	---	---	MAX
MIN	---	---	---	0	0	0.110	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 1.05 ON JUN 10
MINIMUM DAILY, 0 ON APR 27
MAXIMUM INSTANTANEOUS,
1.23 AT 02:24 MST ON JUN 10

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 06 N
LONG 113 57 27 W
DRAINAGE AREA, 34.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85.6
FEB	---	AUG	83.8
MAR	---	SEP	532
APR	410	OCT	380
MAY	430	NOV	---
JUN	777	DEC	---

TOTAL DISCHARGE, 2 709 dam³

MUSKEG RIVER NEAR FORT MACKAY - STATION NO. 07DA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0438	0.0558	0.1198	0.7208	0.445	2.60	3.75	1.17	8.51	3.50	15.0 B	0.9008	1
2	0.0408	0.0508	0.1288	0.7808	0.400	5.72	3.48	0.957	10.3	3.54	14.0 B	0.8308	2
3	0.0408	0.0548	0.1308	0.6408	0.377	11.5	3.29	0.809	11.4	3.72	13.0 B	0.8308	3
4	0.0418	0.0588	0.1308	0.9008	0.353	12.6	3.21	0.730	12.5	3.73	12.0 B	0.8108	4
5	0.0438	0.0758	0.1308	0.9108	0.348	12.7	2.88	0.678	13.3	3.73	11.0 B	0.7858	5
6	0.0438	0.0778	0.1308	0.8858	0.531	12.6	2.87	0.668	13.5	3.73	10.0 B	0.7808	6
7	0.0448	0.0798	0.1308	0.8908	0.307	13.0	3.18	0.782	14.2	3.89	9.00 B	0.7458	7
8	0.0488	0.0808	0.1308	0.9208	0.284	12.9	5.26	1.82	14.0	3.82	8.40 B	0.7308	8
9	0.0488	0.0808	0.1308	1.13 B	0.274	12.5	8.57	3.15	13.6	3.54	8.20 B	0.7108	9
10	0.0508	0.0808	0.1308	1.35 B	0.287	11.4	9.16	3.98	13.4	3.50	4.15 B	0.6908	10
11	0.0518	0.0808	0.1308	1.28 B	0.298	10.2	9.38	4.38	13.1	3.42	3.90 B	0.6758	11
12	0.0518	0.0808	0.1308	1.18 B	0.321	8.91	8.87	4.89	12.7	3.42	3.10 B	0.6488	12
13	0.0518	0.0808	0.1308	1.09 B	0.368	7.86	8.37	5.11	13.1	4.44	2.70 B	0.5808	13
14	0.0518	0.0808	0.1308	1.80 B	0.394	8.69	8.84	5.88	11.4	5.78	2.45 B	0.5208	14
15	0.0518	0.0808	0.1308	1.41 B	0.387	9.87	10.8	6.91	10.7	6.53	2.25 B	0.4808	15
16	0.0518	0.0808	0.1308	1.15 B	0.398	9.00	12.0	7.86	10.4	7.11	2.10 B	0.4558	16
17	0.0518	0.0808	0.1308	1.25	0.438	4.52	12.4	8.37	9.62	7.97	1.90 B	0.4258	17
18	0.0518	0.0808	0.1308	1.17	0.512	4.98	11.4	10.4	8.74	9.89	1.80 B	0.4108	18
19	0.0518	0.0808	0.1258	1.07	0.858	5.21	10.3	11.1	7.84	12.1	1.70 B	0.3908	19
20	0.0518	0.0808	0.1438	0.973	0.838	5.23	9.84	11.3	7.12	14.9	1.60 B	0.3788	20
21	0.0518	0.0828	0.1588	0.900	1.33	5.17	7.53	11.5	6.02	17.2	1.45 B	0.3608	21
22	0.0518	0.0848	0.1758	0.889	1.85	5.48	6.88	11.3	5.04	18.8	1.35 B	0.3508	22
23	0.0518	0.0868	0.2008	0.851	1.44	6.12	5.51	10.6	4.73	20.2	1.30 B	0.3408	23
24	0.0518	0.0928	0.2508	0.755	1.19	5.50	5.71	9.83	4.47	21.0	1.25 B	0.3308	24
25	0.0518	0.0988	0.2908	0.890	1.01	5.02	4.83	8.94	4.18	21.0	1.21 B	0.3208	25
26	0.0518	0.1008	0.3508	0.871	0.877	5.06	4.13	7.87	4.04	20.7 B	1.17 B	0.3108	26
27	0.0518	0.1048	0.4108	0.818	0.811	5.05	3.57	6.85	3.90	19.8 B	1.10 B	0.3008	27
28	0.0518	0.1088	0.4808	0.880	0.789	4.78	3.27	5.95	3.73	18.9 B	1.04 B	0.1908	28
29	0.0518	0.1148	0.5508	0.827	0.722	4.28	3.29	5.45	3.61	17.8 B	0.9308	0.1858	29
30	0.0518		0.6108	0.674	0.717	3.98	1.87	7.98	3.51	17.0 B		0.1758	30
31	0.0518		0.6558		0.882		1.42	8.88		15.8 B		0.1708	31
TOTAL	1.907	2.387	8.761	28.845	19.287	227.27	195.80	187.695	273.15	320.03	133.670	15.814	TOTAL
MEAN	0.048	0.082	0.217	0.888	0.622	7.58	6.31	6.05	9.11	10.3	4.48	0.510	MEAN
MAX	0.051	0.114	0.655	1.80	1.85	13.0	12.4	11.5	14.2	21.0	15.0	0.900	MAX
MIN	0.040	0.055	0.119	0.674	0.284	3.80	1.42	0.678	3.51	3.42	0.930	0.170	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 21.0 ON OCT 24
MINIMUM DAILY, 0.0408 ON JAN 2
MAXIMUM INSTANTANEOUS,
22.2 AT 12:00 MST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 30 N
LONG 111 34 05 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	130	JUL	15 900
FEB	208	AUG	15 200
MAR	582	SEP	23 900
APR	2 470	OCT	27 700
MAY	1 650	NOV	11 500
JUN	19 800	DEC	1 370

TOTAL DISCHARGE, 122 000 dam³

MUSKEG RIVER NEAR GRANDE CACHE - STATION NO. 07GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.308	1.278	1.208	1.828	3.88	11.8	11.8	3.41	3.64	7.18	2.508	2.208	1
2	1.358	1.288	1.228	1.888	4.20	10.6	10.2	3.71	3.74	9.95	2.768	2.218	2
3	1.408	1.288	1.248	1.708	4.36	9.72	9.21	4.31	3.58	15.1	3.258	2.238	3
4	1.408	1.288	1.258	1.748	4.26	9.33	8.88	4.58	3.47	18.3	3.558	2.248	4
5	1.388	1.288	1.248	1.838	4.20	9.41	8.74	4.48	3.41	19.3	4.008	2.258	5
6	1.378	1.288	1.208	1.828	4.26	10.8	9.72	4.60	3.39	17.6	4.708	2.038	6
7	1.368	1.278	1.178	1.808	4.70	13.8	9.32	4.47	3.84	16.6	4.808	2.178	7
8	1.308	1.278	1.178	1.828	4.98	22.5	8.34	3.86	3.61	16.1	4.788	2.078	8
9	1.308	1.248	1.188	1.828	4.98	32.2	7.81	3.67	3.72	16.8	4.508	1.978	9
10	1.308	1.238	1.188	1.478	5.81	30.2	7.81	3.67	3.72	16.0	4.008	1.908	10
	1.278	1.178	1.198	1.528	5.82	26.1	7.56	3.46	3.77				
11	1.258	1.148	1.168	1.488	5.55	23.6	7.08	3.23	7.58	14.7	3.808	1.848	11
12	1.228	1.178	1.138	1.528	6.07	23.2	7.14	3.12	7.33	14.5	3.358	1.758	12
13	1.208	1.238	1.088	1.888	6.36	23.2	6.81	3.23	8.82	13.3	3.158	1.728	13
14	1.178	1.288	1.088	2.088	7.27	22.2	6.28	4.26	8.21	11.7	2.858	1.718	14
15	1.138	1.308	1.108	3.528	8.25	21.1	5.80	4.71	7.83	10.5	2.638	1.698	15
16	1.108	1.288	1.118	5.368	11.5	20.8	5.70	4.14	6.28	9.74	2.528	1.678	16
17	1.088	1.278	1.158	4.87	16.7	18.5	5.56	3.78	5.28	9.228	2.488	1.868	17
18	1.088	1.248	1.188	4.92	16.7	15.8	5.17	3.49	5.18	8.518	2.458	1.858	18
19	1.088	1.188	1.208	4.86	15.6	13.8	4.93	3.33	5.03	8.278	2.808	1.848	19
20	1.078	1.178	1.228	5.408	15.2	12.5	4.71	3.25	5.78	8.868	2.888	1.898	20
21	1.088	1.168	1.258	6.038	13.8	11.5	4.62	3.08	10.8	8.758	2.678	1.888	21
22	1.118	1.148	1.288	5.788	11.7	13.0	4.84	2.91	10.2	8.068	2.858	1.838	22
23	1.158	1.128	1.288	5.208	10.5	13.8	4.88	2.78	8.92	8.358	2.628	1.858	23
24	1.188	1.088	1.308	4.378	9.85	13.8	4.36	2.72	8.20	8.408	2.548	1.818	24
25	1.208	1.088	1.338	4.038	9.11	13.1	4.08	2.63	7.53	8.138	2.448	1.488	25
26	1.218	1.088	1.348	3.80	8.78	12.2	4.05	2.58	6.88	8.548	2.378	1.448	26
27	1.228	1.128	1.388	3.62	8.57	12.1	3.97	2.56	6.18	8.108	2.288	1.418	27
28	1.248	1.148	1.438	3.88	8.28	11.8	3.84	2.71	5.92	8.008	2.248	1.388	28
29	1.258	1.178	1.488	3.82	8.18	12.8	3.74	2.68	6.13	7.708	2.218	1.638	29
30	1.278		1.528	3.63	13.1	14.8	3.55	2.60	6.48	2.528	2.208	1.358	30
31	1.278		1.598		13.0		3.44	2.47		2.408		1.348	31
TOTAL	37.58	35.00	38.84	88.81	270.27	478.26	195.92	105.66	189.71	312.28	91.37	54.70	TOTAL
MEAN	1.22	1.21	1.25	3.22	8.72	15.8	6.32	3.46	6.32	10.1	3.05	1.76	MEAN
MAX	1.40	1.30	1.59	6.03	16.7	30.2	11.8	4.71	10.8	19.3	4.80	2.25	MAX
MIN	1.08	1.08	1.08	1.47	2.99	9.33	3.44	2.47	3.41	2.40	2.20	1.34	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.21
MAXIMUM DAILY, 30.2 ON JUN 9
MINIMUM DAILY, 1.068 ON JAN 18
MAXIMUM INSTANTANEOUS,
32.4 AT 05:30 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 32 N
LONG 118 48 52 W
DRAINAGE AREA, 706 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 280	JUL	15 900
FEB	3 020	AUG	9 210
MAR	3 360	SEP	15 400
APR	8 350	OCT	27 000
MAY	23 400	NOV	7 680
JUN	81 300	DEC	4 730

TOTAL DISCHARGE, 188 000 dam³

NAMEPI CREEK NEAR THE MOUTH - STATION NO. 05EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0038	0.8788	0.025	0.442	0.057	0.007	0.001	0.053	---	---	1
2	---	---	0.0038	0.8248	0.024	0.341	0.041	0.007	0.001	0.048	---	---	2
3	---	---	0.0038	0.8838	0.023	0.805	0.078	0.008	0.001	0.065	---	---	3
4	---	---	0.0038	0.8508	0.021	1.22	0.075	0.005	0.001	0.050	---	---	4
5	---	---	0.0038	0.518	0.020	0.879	0.111	0.005	0.001	0.053	---	---	5
6	---	---	0.0038	0.283	0.020	0.842	0.112	0.004	0.001	0.058	---	---	6
7	---	---	0.0038	0.277	0.020	0.597	0.172	0.004	0.002	0.060	---	---	7
8	---	---	0.0038	0.230	0.020	0.715	0.149	0.004	0.004	0.071	---	---	8
9	---	---	0.0038	0.224	0.020	1.65	0.093	0.004	0.003	0.078	---	---	9
10	---	---	0.0038	0.227	0.020	1.16	0.038	0.004	0.003	0.088	---	---	10
11	---	---	0.0038	0.184	0.018	0.900	0.030	0.004	0.005	0.108	---	---	11
12	---	---	0.0038	0.108	0.017	0.728	0.028	0.005	0.004	0.105	---	---	12
13	---	---	0.0038	0.089	0.018	0.537	0.026	0.007	0.008	0.105	---	---	13
14	---	---	0.0038	0.065	0.019	0.502	0.023	0.008	0.016	0.105	---	---	14
15	---	---	0.0038	0.030	0.023	0.359	0.020	0.010	0.921	0.0908	---	---	15
16	---	---	0.0038	0.071	0.018	0.291	0.018	0.012	0.024	0.0708	---	---	16
17	---	---	0.0038	0.089	0.018	0.373	0.018	0.013	0.028	0.0658	---	---	17
18	---	---	0.0038	0.074	0.018	0.358	0.018	0.011	0.031	0.0688	---	---	18
19	---	---	0.0038	0.089	0.013	0.405	0.017	0.012	0.035	0.0788	---	---	19
20	---	---	0.0038	0.111	0.010	0.480	0.017	0.012	0.038	0.1088	---	---	20
21	---	---	0.0038	0.132	0.010	0.354	0.018	0.009	0.040	0.1048	---	---	21
22	---	---	0.0208	0.114	0.010	0.486	0.015	0.015	0.043	0.0828	---	---	22
23	---	---	0.0508	0.088	0.011	0.453	0.014	0.011	0.045	0.0828	---	---	23
24	---	---	0.2008	0.080	0.013	0.430	0.013	0.008	0.048	0.0788	---	---	24
25	---	---	0.3468	0.074	0.018	0.474	0.012	0.003	0.050	0.0908	---	---	25
26	---	---	0.5208	0.037	0.028	0.470	0.011	0.002	0.053	0.1008	---	---	26
27	---	---	0.8748	0.035	0.038	0.362	0.010	0.002	0.056	0.1008	---	---	27
28	---	---	1.18 B	0.037	0.486	0.342	0.010	0.001	0.058	0.0988	---	---	28
29	---	0.0038	1.06 B	0.038	0.807	0.278	0.009	0.001	0.055	0.0798	---	---	29
30	---		0.8588	0.030	0.428	0.157	0.008	0.001	0.055	0.0598	---	---	30
31	---		0.8088		0.398		0.008	0.001		0.0408		---	31
TOTAL	---	---	5.860	4.291	3.639	17.031	1.278	0.196	0.731	3.439	---	---	TOTAL
MEAN	---	---	0.182	0.210	0.085	0.568	0.041	0.006	0.024	0.079	---	---	MEAN
MAX	---	---	1.18	0.878	0.807	1.65	0.172	0.015	0.058	0.108	---	---	MAX
MIN	---	---	0.003	0.030	0.010	0.157	0.008	0.001	0.001	0.040	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.149
MAXIMUM DAILY, 1.65 ON JUN 9
MINIMUM DAILY, 0.001 ON AUG 28
MAXIMUM INSTANTANEOUS,
1.91 AT 02:30 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 01 50 N
LONG 112 51 35 W
DRAINAGE AREA, 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	110
FEB	---	AUG	18.9
MAR	515	SEP	83.2
APR	544	OCT	211
MAY	227	NOV	---
JUN	1 470	DEC	---

TOTAL DISCHARGE, 3 160 dam³

NATURAL FLOW B NEAR PRINCESS - STATION NO 05CJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0028	0	0	0	0	0	0	0	---	---	18
19	---	---	0.0268	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0068	0	0	0	0	0	0	0	---	---	20
21	---	---	0.0018	0	0	0	0	0	0	0	---	---	21
22	---	0.0068	0 B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0	0	0	0	0	0	0	0	---	---	28
29	---	0 B	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0A	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0.035	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.026	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.0268 ON MAR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.0568 AT 13:36 MST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 20 N
LONG 111 30 20 W
DRAINAGE AREA, 1.99 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3.02	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.02 dam³

NATURAL FLOW C NEAR BOW CITY - STATION NO. 05BN024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0E	0E	0E	0	0	---	---	1
2	---	---	---	---	0	0E	0E	0E	0	0	---	---	2
3	---	---	---	---	0	0E	0E	0A	0	0	---	---	3
4	---	---	---	---	0	0A	0E	0	0	0	---	---	4
5	---	---	---	---	0	0	0E	0	0	0	---	---	5
6	---	---	---	---	0	0	0E	0	0	0	---	---	6
7	---	---	---	---	0	0	0E	0	0	0	---	---	7
8	---	---	---	---	0	0	0E	0	0	0	---	---	8
9	---	---	---	---	0	0	0E	0	0	0	---	---	9
10	---	---	---	---	0	0	0E	0	0	0	---	---	10
11	---	---	---	---	0	0	0E	0	0	0	---	---	11
12	---	---	---	---	0	0	0E	0	0	0	---	---	12
13	---	---	---	---	0	0	0A	0A	0	0	---	---	13
14	---	---	---	---	0A	0	0	0E	0	0	---	---	14
15	---	---	---	---	0E	0	0	0E	0	0	---	---	15
16	---	---	---	0A	0E	0	0	0E	0	0	---	---	16
17	---	---	---	0	0A	0	0	0E	0	0	---	---	17
18	---	---	---	0	0	0	0	0E	0	0	---	---	18
19	---	---	---	0	0A	0	0	0E	0	0	---	---	19
20	---	---	---	0	0E	0	0	0E	0	0	---	---	20
21	---	---	---	0	0E	0	0	0E	0	0	---	---	21
22	---	---	---	0	0E	0	0	0E	0	0	---	---	22
23	---	---	---	0	0E	0	0A	0E	0	0	---	---	23
24	---	---	---	0	0E	0	0E	0E	0	0	---	---	24
25	---	---	---	0	0A	0A	0E	0E	0	0B	---	---	25
26	---	---	---	0A	0E	0E	0E	0E	0	0B	---	---	26
27	---	---	---	0A	0E	0E	0E	0A	0	0B	---	---	27
28	---	---	---	0	0E	0E	0E	0	0	0B	---	---	28
29	---	---	---	0	0E	0E	0E	0	0	0B	---	---	29
30	---	---	---	0	0E	0E	0E	0	0	0B	---	---	30
31	---	---	---		0E		0E	0		0B		---	31
TOTAL	---	---	---	---	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	---	0	0	0	0	0	0	---	---	MAX
MIN	---	---	---	---	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAY 1
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 40 N
LONG 112 14 40 W
DRAINAGE AREA, 3 24 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

NEW WEST COULEE NEAR THE MOUTH - STATION NO 05BN005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0038	0 012	0 006	2 36	3 60	4 47	2 14	1 18	---	---	1
2	---	---	0 0048	0 013	0 053	2 28	3 42	4 17	1 90	2 19	---	---	2
3	---	---	0 0048	0 014	0 086	2 77	2 98	4 05	1 58	2 79	---	---	3
4	---	---	0 0038	0 048	0 021	2 86	3 24	3 71	1 32	1 75	---	---	4
5	---	---	0 0038	0 051	0 015	3 61	3 58	3 85	1 34	1 48	---	---	5
6	---	---	0 0058	0 007	0 015	3 36	3 74	4 08	2 07	0 772	---	---	6
7	---	---	0 0058	0 010	0 012	3 57	3 69	3 28	2 93	0 591	---	---	7
8	---	---	0 0058	0 006	0 010	4 13	4 32	3 84	2 77	0 386	---	---	8
9	---	---	0 0068	0 003	0 008	5 05	4 39	3 52	2 76	0 235	---	---	9
10	---	---	0 0068	0 034	0 007	5 29	3 94	3 70	2 72	0 141	---	---	10
11	---	---	0 0048	0 134	0 004	5 29	3 76	3 90	2 46	0 068	---	---	11
12	---	---	0 0028	0 416	0 077	4 24	3 77	4 17	2 46	0 024	---	---	12
13	---	---	0 0018	1 27	0 217	3 74	4 00	4 26	2 49	0 013	---	---	13
14	---	---	0 0018	0 287	0 282	3 68	4 08	3 85	2 37	0 008	---	---	14
15	---	---	0 0018	0 150	0 538	3 41	4 31	3 69	2 45	0 007	---	---	15
16	---	---	0 0018	0 423	1 15	3 17	4 31	3 72	2 61	0 007	---	---	16
17	---	---	0 0038	0 936	1 50	3 30	4 04	3 71	2 58	0 006	---	---	17
18	---	---	0 0068	0 211	1 32	3 44	3 86	3 52	2 50	0 0068	---	---	18
19	---	---	0 0128	0 187	1 08	3 43	4 00	3 32	1 37	0 0068	---	---	19
20	---	---	0 0368	0 060	1 30	3 48	4 17	3 19	1 46	0 0068	---	---	20
21	---	---	0 0538	0 013	1 27	3 24	4 24	2 88	2 27	0 0068	---	---	21
22	---	---	0 0548	0 011	1 22	5 09	4 37	2 91	1 21	0 0508	---	---	22
23	---	---	0 058	0 008	1 34	4 91	4 71	3 20	1 15	0 0508	---	---	23
24	---	---	0 048	0 008	1 88	4 58	4 65	3 05	1 43	1 81 B	---	---	24
25	---	---	0 048	0 005	1 78	4 90	4 27	1 88	2 21	1 20 B	---	---	25
26	---	---	0 033	0 118	2 33	3 89	4 13	1 90	2 14	0 8008	---	---	26
27	---	0 0038	0 037	0 018	2 29	3 49	4 61	1 83	2 13	0 5808	---	---	27
28	---	0 0018	0 022	0 009	2 40	3 34	4 86	1 80	2 03	0 4208	---	---	28
29	---	0 0038	0 018	0 008	2 55	3 27	5 19	2 02	0 971	0 2008	---	---	29
30	---		0 014	0 008	2 34	3 67	5 37	1 84	0 947	0 0288	---	---	30
31	---		0 013		2 20		5 19	1 88		0 0108		---	31
TOTAL	---	---	0 508	4 517	28 341	112 85	130 18	101 17	60 588	16 859	---	---	TOTAL
MEAN	---	---	0 016	0 151	0 946	3 76	4 20	3 26	2 02	0 544	---	---	MEAN
MAX	---	---	0 064	1 27	2 55	5 29	5 37	4 47	2 92	2 79	---	---	MAX
MIN	---	---	0 001	0 003	0 004	2 28	2 98	1 58	0 947	0 005	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 4
MAXIMUM DAILY, 5 37 ON JUL 30
MINIMUM DAILY, 0 004 ON MAY 11

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 00 N
LONG 112 06 15 W
DRAINAGE AREA, 312 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 200
FEB	---	AUG	6 740
MAR	43 7	SEP	5 230
APR	380	OCT	1 480
MAY	2 540	NOV	---
JUN	6 780	DEC	---

TOTAL DISCHARGE, 36 900 dam³

NINE MILE COULEE NEAR LETHBRIDGE - STATION NO. 05AE042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003	0.004	0.374	0.383	0.485	0.486	0.171	---	---	1
2	---	---	---	0.003	0.003	0.090	0.454	0.405	0.508	0.178	---	---	2
3	---	---	---	0.002	0.003	0.120	0.427	0.481	0.517	0.134	---	---	3
4	---	---	---	0.002	0.022	0.115	0.321	0.388	0.532	0.113	---	---	4
5	---	---	---	0.002	0.020	0.146	0.398	0.478	0.525	0.114	---	---	5
6	---	---	---	0.002	0.018	0.201	0.395	0.481	0.514	0.113	---	---	6
7	---	---	---	0.002	0.017	0.226	0.370	0.359	0.515	0.104	---	---	7
8	---	---	---	0.002	0.017	0.328	0.443	0.382	0.188	0.100	---	---	8
9	---	---	---	0.001	0.068	0.500	0.440	0.419	0.152	0.092	---	---	9
10	---	---	---	0.001	0.098	0.393	0.398	0.440	0.140	0.088	---	---	10
11	---	---	---	0	0.105	0.314	0.402	0.536	0.114	0.017	---	---	11
12	---	---	---	0	0.224	0.267	0.388	0.490	0.148	0.005	---	---	12
13	---	---	---	0	0.303	0.298	0.392	0.493	0.138	0.003	---	---	13
14	---	---	---	0	0.317	0.319	0.395	0.493	0.124	0.003	---	---	14
15	---	---	---	0	0.182	0.240	0.481	0.493	0.112	0.003	---	---	15
16	---	---	---	0	0.241	0.344	0.493	0.492	0.116	0.002	---	---	16
17	---	---	---	0	0.331	0.321	0.417	0.492	0.123	0.002	---	---	17
18	---	---	---	0	0.383	0.407	0.343	0.492	0.167	0.003	---	---	18
19	---	---	---	0	0.288	0.330	0.393	0.533	0.255	0.003	---	---	19
20	---	---	---	0.001	0.314	0.278	0.388	0.583	0.319	0.003	---	---	20
21	---	---	---	0.003	0.284	0.184	0.485	0.632	0.345	0.003	---	---	21
22	---	---	---	0.002	0.276	0.428	0.584	0.581	0.367	0.003	---	---	22
23	---	---	---	0.001	0.234	0.388	0.612	0.613	0.277	0.051	---	---	23
24	---	---	---	0	0.320	0.405	0.513	0.495	0.270	0.145	---	---	24
25	---	---	---	0	0.341	0.336	0.448	0.411	0.173	0.204	---	---	25
26	---	---	---	0	0.344	0.253	0.578	0.390	0.108	0.181	---	---	26
27	---	---	---	0.001	0.458	0.335	0.558	0.378	0.154	0.0318	---	---	27
28	---	---	---	0	0.445	0.259	0.492	0.354	0.184	0.0848	---	---	28
29	---	---	0.005A	0	0.353	0.221	0.541	0.383	0.157	0.3308	---	---	29
30	---	---	0.004	0.001	0.287	0.218	0.748	0.358	0.200	0.2108	---	---	30
31	---	---	0.004		0.280		0.598	0.385		0.1008		---	31
TOTAL	---	---	---	0.029	6.577	8.530	14.111	14.206	7.890	2.583	---	---	TOTAL
MEAN	---	---	---	0.001	0.212	0.284	0.455	0.458	0.263	0.083	---	---	MEAN
MAX	---	---	---	0.003	0.458	0.500	0.748	0.632	0.533	0.330	---	---	MAX
MIN	---	---	---	0	0.003	0.090	0.293	0.354	0.108	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.252
MAXIMUM DAILY, 0.748 ON JUL 30
MINIMUM DAILY, 0 ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 18 N
LONG 113 47 06 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 290
FEB	---	AUG	1 230
MAR	---	SEP	690
APR	2 51	OCT	223
MAY	588	NOV	---
JUN	736	DEC	---

TOTAL DISCHARGE, 4 670 dam³

NORDEGG RIVER AT SUNCHILD ROAD - STATION NO 05DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4828	0.5418	1.00 B	1.108	2.50	6.11	3.64	2.28	1.45	5.08	2.108	1.24 B	1
2	0.4778	0.5548	0.8878	1.188	2.47	5.44	3.28	2.64	1.50	5.37	2.708	1.24 B	2
3	0.4818	0.5668	0.9718	1.338	2.83	4.73	3.12	2.33	1.53	5.67	2.058	1.28 B	3
4	0.4918	0.5838	0.9578	1.488	3.07	4.32	3.30	2.72	1.58	5.58	2.048	1.38 B	4
5	0.5068	0.5978	0.9438	1.628	3.06	4.73	3.28	3.30	1.51	5.39	2.048	1.48 B	5
6	0.5068	1.12 B	0.9328	1.568	2.86	6.91	3.37	3.49	2.13	5.56	2.058	1.52 B	6
7	0.5028	1.25 B	0.9368	1.638	3.11	12.5	3.82	3.07	5.04	7.19	2.028	1.63 B	7
8	0.4988	1.35 B	0.9188	1.728	3.19	16.5	3.42	2.05	5.21	8.48	1.988	1.66 B	8
9	0.4948	1.33 B	0.9108	1.738	3.23	26.4	3.17	1.88	5.15	8.01	1.938	1.73 B	9
10	0.4908	1.28 B	0.9038	1.778	3.41	33.7	2.95	1.75	4.88	5.39	1.888	1.58 B	10
11	0.4928	1.23 B	0.8988	1.878	3.49	33.0	2.80	1.88	4.80	5.01	1.808	1.41 B	11
12	0.4878	1.17 B	0.8908	2.528	3.32	17.4	2.76	2.26	5.17	4.80	1.778	1.26 B	12
13	0.5058	1.10 B	0.8858	3.018	3.30	15.0	3.10	2.37	5.38	4.84	1.748	1.16 B	13
14	0.5328	1.05 B	0.8818	3.468	3.32	12.1	3.59	2.06	5.51	4.37	1.708	0.9868	14
15	0.5638	0.9988	0.8838	3.248	3.27	10.2	3.23	2.11	5.39	4.12	1.678	0.9728	15
16	0.5228	0.9938	0.9228	3.158	4.09	8.75	2.81	2.08	4.80	4.05	1.668	0.9728	16
17	0.7288	0.9988	0.9708	3.24	8.74	10.0	2.82	1.81	4.60	4.00	1.638	0.9788	17
18	0.7548	1.14 B	1.28 B	3.88	10.6	8.85	2.81	1.87	4.09	4.85	1.628	0.9618	18
19	0.8058	1.28 B	1.23 B	3.88	8.51	8.85	2.42	1.87	3.84	4.51	1.638	0.9518	19
20	0.8508	1.33 B	1.25 B	4.00	6.80	8.88	2.58	1.84	4.19	4.84	1.678	0.9888	20
21	0.8958	1.38 B	1.25 B	4.43	5.67	7.85	2.80	1.67	5.88	5.23	1.788	0.9828	21
22	0.9248	1.16 B	1.14 B	5.01	4.87	6.83	3.03	1.72	7.83	5.19	1.788	0.9758	22
23	0.9288	1.08 B	1.10 B	4.41	4.35	6.13	2.84	1.80	7.58	4.68	1.768	0.9668	23
24	0.9198	1.05 B	1.03 B	3.81	4.38	5.68	2.85	1.81	7.07	4.38	1.718	0.9488	24
25	0.9048	1.05 B	1.02 B	3.34	4.21	5.05	2.55	1.81	6.73	4.13	1.688	0.9338	25
26	0.8878	1.08 B	1.04 B	2.92	3.80	4.58	2.83	1.84	6.03	3.82	1.638	0.9188	26
27	0.8878	1.12 B	1.01 B	2.83	3.98	4.20	2.55	1.83	5.80	3.41	1.608	0.9078	27
28	0.9018	1.15 B	1.05 B	2.70	5.16	3.88	2.46	1.88	5.02	2.388	1.488	0.8908	28
29	0.9088	1.13 B	1.07 B	2.71	4.83	3.83	2.53	1.80	4.85	2.278	1.368	0.8908	29
30	0.9188		1.01 B	2.58	4.27	3.84	2.55	1.83	4.83	2.188	1.318	0.8908	30
31	0.9388		1.05 B		4.80		2.33	1.80		2.148		0.8918	31
TOTAL	21.322	32.802	31.328	82.01	136.85	298.82	90.87	61.42	139.38	148.78	53.84	38.048	TOTAL
MEAN	0.688	1.12	1.01	2.73	4.42	9.96	2.93	1.98	4.65	4.83	1.78	1.18	MEAN
MAX	0.938	1.35	1.28	5.01	10.6	33.7	3.84	3.30	7.58	8.58	2.70	1.66	MAX
MIN	0.477	0.841	0.841	1.10	2.47	3.83	2.33	1.80	1.48	2.14	1.31	0.880	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 33.7 ON JUN 10
MINIMUM DAILY, 0.4778 ON JAN 2
MAXIMUM INSTANTANEOUS,
37.1 AT 05:26 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 13 N
LONG 116 31 10 W
DRAINAGE AREA, 878 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840	JUL	7 830
FEB	2 830	AUG	5 310
MAR	2 710	SEP	13 000
APR	7 080	OCT	12 900
MAY	11 800	NOV	4 830
JUN	25 800	DEC	3 110

TOTAL DISCHARGE, 97 800 dam³

NORTH FORK MILK RIVER ABOVE ST. MARY CANAL - STATION NO. 11AA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3688	0.311	0.311	0.278	0.175	0.201	0.201	0.229	---	---	1
2	---	---	0.3688	0.311	0.311	0.268	0.167	0.193	0.193	0.221	---	---	2
3	---	---	0.3408	0.340	0.311	0.268	0.167	0.193	0.184	0.212	---	---	3
4	---	---	0.3408	0.340	0.311	0.258	0.167	0.167	0.176	0.201	---	---	4
5	---	---	0.3408	0.368	0.311	0.268	0.167	0.167	0.176	0.201	---	---	5
6	---	---	0.3408	0.388	0.340	0.258	0.167	0.175	0.167	0.201	---	---	6
7	---	---	0.3408	0.368	0.368	0.252	0.159	0.159	0.159	0.201	---	---	7
8	---	---	0.3408	0.340	0.312	0.248	0.159	0.150	0.175	0.201	---	---	8
9	---	---	0.3408	0.340	0.311	0.277	0.159	0.158	0.220	0.201	---	---	9
10	---	---	0.3408	0.388	0.311	0.311	0.167	0.150	0.221	0.212	---	---	10
11	---	---	0.3408	0.388	0.311	0.278	0.167	0.150	0.201	0.212	---	---	11
12	---	---	0.3408	0.340	0.311	0.258	0.159	0.158	0.193	0.212	---	---	12
13	---	---	0.3408	0.340	0.311	0.238	0.168	0.150	0.193	0.212	---	---	13
14	---	---	0.3408	0.340	0.311	0.249	0.158	0.150	0.193	0.212	---	---	14
15	---	---	0.3408	0.388	0.340	0.238	0.150	0.142	0.193	0.212	---	---	15
16	---	---	0.3408	0.388	0.424	0.221	0.142	0.142	0.184	0.228	---	---	16
17	---	---	0.3408	0.424	0.389	0.212	0.142	0.142	0.176	0.228	---	---	17
18	---	---	0.3408	0.481	0.340	0.201	0.133	0.142	0.167	0.229	---	---	18
19	---	---	0.3408	0.508	0.312	0.201	0.133	0.142	0.167	0.2278	---	---	19
20	---	---	0.3408	0.846	0.311	0.221	0.133	0.142	0.184	0.2278	---	---	20
21	---	---	0.3408	0.841	0.311	0.387	0.127	0.142	0.229	0.2278	---	---	21
22	---	---	0.3408	0.426	0.311	0.536	0.127	0.142	0.269	0.2278	---	---	22
23	---	---	0.3408	0.426	0.283	0.314	0.133	0.150	0.258	0.2278	---	---	23
24	---	---	0.3408	0.387	0.278	0.258	0.133	0.150	0.238	0.2558	---	---	24
25	---	---	0.3408	0.386	0.311	0.230	0.133	0.150	0.238	0.2838	---	---	25
26	---	---	0.3408	0.386	0.311	0.213	0.127	0.133	0.229	0.2838	---	---	26
27	---	---	0.3408	0.386	0.311	0.201	0.127	0.133	0.229	0.2838	---	---	27
28	---	---	0.3408	0.368	0.278	0.193	0.141	0.141	0.229	0.2838	---	---	28
29	---	---	0.342	0.384	0.269	0.184	0.158	0.142	0.229	0.2838	---	---	29
30	---		0.340	0.312	0.258	0.167	0.212	0.150	0.238	0.2838	---	---	30
31	---		0.312		0.277		0.238	0.167		0.2838		---	31
TOTAL	---	---	10.570	11.659	9.735	7.670	4.786	4.773	5.109	7.198	---	---	TOTAL
MEAN	---	---	0.341	0.395	0.314	0.256	0.154	0.154	0.204	0.232	---	---	MEAN
MAX	---	---	0.368	0.846	0.424	0.536	0.238	0.201	0.269	0.283	---	---	MAX
MIN	---	---	0.312	0.311	0.258	0.167	0.127	0.133	0.159	0.201	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.244
MAXIMUM DAILY, 0.846 ON APR 20
MINIMUM DAILY, 0.127 ON JUL 21
MAXIMUM INSTANTANEOUS,
1.05 AT 08:00 MST ON APR 20

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 15 N
LONG 113 03 19 W
DRAINAGE AREA, 156 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	414
FEB	---	AUG	412
MAR	913	SEP	528
APR	1 020	OCT	622
MAY	841	NOV	---
JUN	883	DEC	---

TOTAL DISCHARGE, 4 500 dam³

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3288	13.6	7.75	18.1	19.1	18.2	0.311	0.210	---	---	1
2	---	---	0.3688	13.1	6.61	17.8	18.8	18.1	0.222	0.210	---	---	2
3	---	---	0.3508	12.3	4.70	18.0	18.8	18.1	0.205	0.202	---	---	3
4	---	---	1.17 B	10.4	3.82	18.0	18.7	17.8	0.194	0.193	---	---	4
5	---	---	4.60 B	8.48	3.85	18.9	18.6	17.8	0.183	0.180	---	---	5
6	---	---	3.90 B	7.15	3.94	18.2	18.2	17.8	0.169	0.177	---	---	6
7	---	---	4.70 B	6.32	3.90	17.7	18.3	17.8	0.147	0.182	---	---	7
8	---	---	3.70 B	5.55	3.87	17.6	18.3	17.5	0.169	0.183	---	---	8
9	---	---	1.70 B	5.11	3.66	17.9	18.2	17.7	0.219	0.183	---	---	9
10	---	---	2.10 B	4.65	3.26	18.3	18.1	17.6	0.224	0.184	---	---	10
11	---	---	3.00 B	3.85	3.14	18.4	18.0	17.4	0.213	0.187	---	---	11
12	---	---	3.00 B	2.46	3.00	18.3	18.9	17.7	0.190	0.192	---	---	12
13	---	---	3.40 B	2.91	2.87	18.2	18.7	17.5	0.185	0.187	---	---	13
14	---	---	4.00 B	3.09	2.96	18.3	18.7	17.2	0.184	0.188	---	---	14
15	---	---	4.50 B	3.03	3.03	18.0	18.8	17.3	0.181	0.189	---	---	15
16	---	---	5.70 B	2.83	3.68	18.1	18.6	17.3	0.171	0.207	---	---	16
17	---	---	6.40 B	2.92	4.47	18.2	18.8	17.3	0.167	0.232	---	---	17
18	---	---	7.10 B	3.04	7.62	18.4	18.6	17.2	0.148	0.213	---	---	18
19	---	---	8.30 B	3.23	13.6	18.6	18.7	17.2	0.140	0.2138	---	---	19
20	---	---	11.0 B	3.71	15.3	18.6	18.7	17.1	0.177	0.2138	---	---	20
21	---	---	15.2	3.32	15.2	19.5	18.7	16.5	0.223	0.2268	---	---	21
22	---	---	15.3	3.58	14.7	19.7	18.7	14.0	0.280	0.2358	---	---	22
23	---	---	15.5	5.30	14.7	19.2	18.7	9.58	0.278	0.2328	---	---	23
24	---	---	15.4	6.60	14.4	19.0	18.7	5.39	0.245	0.2478	---	---	24
25	---	---	15.5	7.44	15.4	18.9	18.7	2.57	0.230	0.2648	---	---	25
26	---	---	15.4	7.32	16.1	18.9	18.7	0.845	0.222	0.2478	---	---	26
27	---	---	15.0	7.33	16.8	19.1	18.9	0.419	0.217	0.2478	---	---	27
28	---	0.3288	14.7	7.46	17.2	19.0	18.9	0.386	0.214	0.2358	---	---	28
29	---	0.3258	14.8	7.86	17.3	19.3	19.1	0.248	0.211	0.2188	---	---	29
30	---		14.3	7.83	17.7	19.2	19.3	0.208	0.217	0.2148	---	---	30
31	---		14.0		18.1		18.8	0.250		0.2188		---	31
TOTAL	---	---	244.217	182.17	283.65	565.4	584.9	402.197	6.124	6.522	---	---	TOTAL
MEAN	---	---	7.88	6.07	9.15	18.5	18.9	13.0	0.204	0.210	---	---	MEAN
MAX	---	---	15.5	13.6	18.1	19.7	19.3	18.2	0.311	0.264	---	---	MAX
MIN	---	---	0.328	2.46	2.87	17.6	18.6	0.208	0.140	0.177	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.35
MAXIMUM DAILY, 19.7 ON JUN 22
MINIMUM DAILY, 0.140 ON SEP 19
MAXIMUM INSTANTANEOUS,
20.1 AT 22:05 MST ON JUN 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 01 19 N
LONG 112 58 16 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	50 600
FEB	---	AUG	34 700
MAR	21 100	SEP	8 520
APR	15 700	OCT	6 564
MAY	24 500	NOV	---
JUN	48 000	DEC	---

TOTAL DISCHARGE, 185 000 dam³

NORTH RAM RIVER AT FORESTRY ROAD - STATION NO. 05DC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.278	1.15	3.92	1.34	0.807	1.50	---	---	1
2	---	---	---	---	0.275	1.17	3.58	1.34	0.786	1.71	---	---	2
3	---	---	---	---	0.274	1.31	3.36	1.29	0.782	2.09	---	---	3
4	---	---	---	---	0.268	1.28	3.22	1.28	0.754	2.44	---	---	4
5	---	---	---	---	0.267	1.43	3.08	1.24	0.730	2.85	---	---	5
6	---	---	---	---	0.278	3.31	3.07	1.26	1.37	2.88	---	---	6
7	---	---	---	---	0.285	3.48	2.90	1.22	1.63	2.65	---	---	7
8	---	---	---	---	0.301	7.81	2.71	1.17	1.29	2.70	---	---	8
9	---	---	---	---	0.324	12.7	2.59	1.16	1.25	2.71	---	---	9
10	---	---	---	---	0.324	11.0	2.41	1.11	1.35	2.64	---	---	10
11	---	---	---	---	0.331	10.3	2.34	1.07	1.38	2.56	---	---	11
12	---	---	---	---	0.326	9.04	2.35	1.07	1.58	2.52	---	---	12
13	---	---	---	---	0.327	7.97	2.44	1.08	1.63	2.40	---	---	13
14	---	---	---	---	0.346	8.82	2.24	1.05	1.61	2.30	---	---	14
15	---	---	---	---	0.378	8.18	2.09	1.03	1.81	2.18	---	---	15
16	---	---	---	---	0.582	5.99	2.00	0.980	1.57	2.12	---	---	16
17	---	---	---	---	0.788	5.60	1.96	0.996	1.63	2.08	---	---	17
18	---	---	---	---	0.885	5.21	1.86	0.985	1.73	2.01	---	---	18
19	---	---	---	---	0.871	5.26	1.80	0.958	1.72	1.88	---	---	19
20	---	---	---	---	0.877	5.06	1.88	0.939	1.79	1.81	---	---	20
21	---	---	---	---	0.833	4.58	1.89	0.931	1.84	1.81	---	---	21
22	---	---	---	---	0.784	4.84	1.79	0.908	1.87	1.81	---	---	22
23	---	---	---	---	0.789	4.70	1.67	0.885	1.80	1.78	---	---	23
24	---	---	---	---	0.793	4.55	1.59	0.877	1.75	1.74	---	---	24
25	---	---	---	---	0.786	4.44	1.53	0.872	1.70	1.72	---	---	25
26	---	---	---	0.269A	0.784	4.25	1.48	0.849	1.68	1.88	---	---	26
27	---	---	---	0.265	0.793	4.17	1.44	0.849	1.58	1.55	---	---	27
28	---	---	---	0.273	0.784	4.00	1.40	0.843	1.48	1.37	---	---	28
29	---	---	---	0.272	0.786	4.25	1.37	0.830	1.50	1.10	---	---	29
30	---	---	---	0.270	1.01	4.43	1.33	0.842	1.58	0.948A	---	---	30
31	---	---	---		1.21		1.30	0.812		0.947E		---	31
TOTAL	---	---	---	---	17.958	158.17	88.58	32.043	43.889	62.385	---	---	TOTAL
MEAN	---	---	---	---	0.579	5.21	2.21	1.03	1.46	2.01	---	---	MEAN
MAX	---	---	---	---	1.21	12.7	3.92	1.34	1.94	2.71	---	---	MAX
MIN	---	---	---	---	0.267	1.15	1.30	0.812	0.730	0.947	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.07
MAXIMUM DAILY, 12.7 ON JUN 9
MINIMUM DAILY, 0.267 ON MAY 5
MAXIMUM INSTANTANEOUS,
13.8 AT 01:17 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 55 N
LONG 115 59 30 W
DRAINAGE AREA, 345 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 930
FEB	---	AUG	2 770
MAR	---	SEP	3 790
APR	---	OCT	5 390
MAY	1 550	NOV	---
JUN	13 500	DEC	---

TOTAL DISCHARGE, 32 900 dam³

NORTH SASKATCHEWAN RIVER AT EDMONTON - STATION NO 05DF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	114 B	109 B	87.6B	2368	171	109	259	133	166	159	1858	130 B	1
2	114 B	119 B	86.5B	2228	146	129	284	118	161	136	1750	124 B	2
3	114 B	118 B	110 B	2038	152	124	252	97.7	158	155	1788	108 B	3
4	116 B	125 B	116 B	1898	161	118	245	105	129	174	1708	105 B	4
5	118 B	123 B	115 B	1918	169	98.3	243	117	131	185	1658	96.2B	5
6	118 B	118 B	103 B	1938	183	128	217	98.6	145	167	1628	95.1B	6
7	117 B	112 B	124 B	2128	166	117	184	87.6	157	175	1608	106 B	7
8	117 B	103 B	101 B	223	152	118	165	97.3	139	175	1658	93.4B	8
9	116 B	98.6B	123 B	223	171	185	167	114	164	147	1758	158 B	9
10	116 B	103 B	110 B	226	157	265	129	120	147	138	1758	159 B	10
11	116 B	106 B	111 B	224	155	373	178	129	135	175	1708	124 B	11
12	115 B	116 B	112 B	241	130	371	188	135	120	196	1658	105 B	12
13	115 B	121 B	116 B	223	146	308	178	105	140	201	1608	107 B	13
14	115 B	96.0B	106 B	224	132	311	174	130	135	207	1558	95.8B	14
15	129 B	95.4B	84.9B	218	118	308	168	149	144	197	1658	105 B	15
16	121 B	112 B	100 B	240	144	303	159	166	153	171	1638	124 B	16
17	103 B	107 B	93.1B	202	142	315	128	188	128	185	1708	136 B	17
18	86.5B	95.0B	114 B	181	146	311	135	228	123	210	1808	103 B	18
19	113 B	86.3B	97.3B	186	214	306	138	220	133	197	1708	84.0B	19
20	103 B	89.1B	97.9B	188	180	215	133	209	138	187	1708	70.0B	20
21	111 B	97.3B	83.2B	180	158	300	136	192	135	182	1658	87.0B	21
22	124 B	103 B	88.9B	178	145	283	216	201	155	174	1608	131 B	22
23	144 B	86.0B	118 B	183	110	224	161	202	321	138	1658	146 B	23
24	115 B	100 B	167 B	185	107	210	119	191	251	180	1608	119 B	24
25	128 B	115 B	201 B	183	101	221	113	178	238	155	1558	109 B	25
26	134 B	108 B	212 B	182	98.7	224	121	159	190	180	1608	82.4B	26
27	145 B	73.5B	248 B	176	125	231	128	127	200	202	1508	84.0B	27
28	146 B	81.5B	242 B	172	84.7	221	93.0	124	199	199	1408	86.9B	28
29	89.0B	121 B	235 B	174	85.7	242	108	138	201	200	1428	97.3B	29
30	81.5B		245 B	182	113	257	117	184	193	182	1418	92.3B	30
31	109 B		244 B		114		103	175		1858		86.3B	31
TOTAL	3 801.1	3 082.9	4 220.4	5 989	4 398.1	7 000.3	5 158.0	4 595.4	4 957	5 442	4 893	3 385.1	TOTAL
MEAN	116	106	136	200	141	233	166	148	165	176	163	109	MEAN
MAX	146	125	248	241	214	373	284	228	321	210	180	159	MAX
MIN	81.5	73.5	83.2	182	84.7	98.3	93.0	97.6	120	138	140	70.0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 155
MAXIMUM DAILY, 373 ON JUN 11
MINIMUM DAILY, 70.0B ON DEC 30
MAXIMUM INSTANTANEOUS,
393 AT 22:25 MST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 15 N
LONG 113 29 04 W
DRAINAGE AREA, 28 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1980

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	311 000	JUL	446 000
FEB	265 000	AUG	397 000
MAR	385 000	SEP	428 000
APR	517 000	OCT	470 000
MAY	378 000	NOV	423 000
JUN	605 000	DEC	292 000

TOTAL DISCHARGE, 4 800 000 dam³

NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT - STATION NO. 05DA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.208	5.008	5.108	4.89	7.75	76.0	167	235	83.9	29.9	11.1 B	6.908	1
2	5.158	5.708	5.058	4.89	7.67	64.2	133	229	73.6	28.2	9.508	6.908	2
3	5.058	5.308	5.008	5.00	7.88	46.0	107	228	62.5	30.4	8.608	6.858	3
4	5.008	5.258	5.008	5.27	7.70	42.5	103	231	57.9	35.6	8.108	6.858	4
5	4.958	5.258	5.008	5.10	7.54	41.8	122	229	68.3	40.3	7.508	6.858	5
6	4.958	5.258	4.958	5.31	7.58	48.5	159	236	96.3	36.9	7.008	6.558	6
7	5.008	5.308	4.908	4.88	7.67	60.9	133	210	82.7	32.9	6.908	6.458	7
8	5.208	5.408	4.858	5.08	7.87	71.3	102	180	64.4	38.3	6.808	6.308	8
9	5.358	5.408	5.008	4.84	8.73	73.6	81.3	197	58.5	58.5	6.808	6.108	9
10	5.458	5.408	5.108	4.97	8.50	62.9	86.0	216	55.3	59.6	7.008	6.108	10
11	5.508	5.258	5.208	4.74	8.45	71.1	129	218	50.7	52.6	7.158	6.108	11
12	5.508	5.258	5.208	4.72	8.22	98.9	180	208	48.1	46.4	7.408	6.408	12
13	5.508	5.208	5.208	4.82	8.34	138	166	226	45.1	38.3	7.458	6.508	13
14	5.408	5.148	5.208	4.93	9.24	161	152	184	41.4	32.8	7.308	6.508	14
15	5.358	5.108	5.208	5.01	11.3	193	147	166	40.7	29.6	7.108	6.508	15
16	5.308	5.108	5.108	9.28	14.3	208	159	157	43.8	27.3	6.958	6.508	16
17	5.128	5.108	4.908	13.1	14.9	170	182	158	54.8	24.9	6.808	6.508	17
18	5.008	5.058	4.758	12.7	14.0	122	198	165	117	23.4	6.908	6.428	18
19	4.858	5.008	4.708	11.7	14.1	95.8	196	166	121	22.9	7.108	6.358	19
20	4.608	4.858	4.80E	12.9	16.3	80.3	173	128	93.5	21.0	7.758	6.108	20
21	4.508	4.808	4.60E	13.7	16.5	83.0	148	116	75.8	20.0	7.108	6.008	21
22	4.508	4.808	4.60E	13.2	15.3	100	117	120	60.3	19.7	7.158	5.858	22
23	4.558	4.808	4.70E	12.2	14.7	136	118	132	50.7	18.6	7.208	5.658	23
24	4.708	4.858	4.70E	10.5	14.3	171	132	130	46.2	18.1	7.208	5.858	24
25	4.908	5.008	4.70E	10.1	13.9	178	152	118	41.7	18.2	7.208	5.858	25
26	5.058	5.058	4.75E	9.27	13.9	177	181	121	37.6	16.1	7.108	5.908	26
27	5.308	5.108	4.72A	8.26	14.2	187	229	215	34.2	22.18	7.058	5.908	27
28	5.508	5.138	4.58	8.08	14.7	213	251	188	32.3	23.28	6.858	5.908	28
29	5.708	5.108	4.52	7.71	18.2	281	240	112	31.1	15.48	6.908	5.808	29
30	6.008		4.63	7.62	45.1	303	219	87.8	30.5	13.48	6.908	5.658	30
31	6.048		4.83		88.6		229	77.0		11.48		5.558	31
TOTAL	160.20	150.52	151.35	236.05	477.85	3 744.4	4 887.3	5 374.9	1 798.9	907.4	221.85	193.82	TOTAL
MEAN	5.17	5.19	4.88	7.87	15.4	125	158	174	60.0	29.3	7.40	6.25	MEAN
MAX	6.04	5.00	5.20	13.7	88.6	303	251	236	121	59.6	11.1	6.80	MAX
MIN	4.60	4.80	4.60	4.72	7.54	41.8	81.3	77.0	30.5	11.4	6.80	5.55	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.0
MAXIMUM DAILY, 303 ON JUN 30
MINIMUM DAILY, 4.508 ON JAN 21
MAXIMUM INSTANTANEOUS,
333 AT 09.05 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 05 N
LONG 115 28 10 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	422 000
FEB	13 000	AUG	485 000
MAR	13 100	SEP	155 000
APR	20 400	OCT	78 400
MAY	41 300	NOV	19 200
JUN	324 000	DEC	16 700

TOTAL DISCHARGE, 1 580 000 dam³

NORTH SASKATCHEWAN RIVER BELOW BIGHORN PLANT - STATION NO. 05DC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	62.2	64.5	77.5	85.3	86.9	28.0	67.7	22.7	100	78.7	85.2	98.2	1
2	63.3	62.8	75.0	83.3	93.7	41.0	85.8	35.4	88.8	67.0	101	100	2
3	66.2	63.0	80.3	83.3	92.0	43.3	87.6	27.3	102	53.8	86.6	83.1	3
4	60.7	60.0	78.3	83.2	85.7	24.2	67.0	26.6	88.8	58.1	86.2	84.1	4
5	52.4	52.0	82.2	83.2	87.6	14.4	73.5	32.5	77.4	74.9	98.6	90.2	5
6	58.2	61.0	82.2	81.9	81.1	27.8	85.0	28.6	46.2	58.2	90.7	87.6	6
7	57.6	56.6	78.8	83.7	83.7	21.4	69.1	50.0	53.8	28.4	97.9	83.6	7
8	57.7	56.2	77.9	81.8	83.6	30.5	73.6	53.0	62.5	27.1	98.1	70.1	8
9	66.1	55.3	78.3	83.4	46.5	1.57	99.8	61.4	32.7	62.7	85.5	68.8	9
10	76.2	53.3	76.2	83.6	70.8	0.869	86.8	54.3	42.5	60.7	70.3	83.1	10
11	76.7	54.6	76.9	84.7	76.4	12.0	86.4	58.7	38.4	75.2	78.6	87.1	11
12	74.1	52.5	80.1	82.5	69.1	0.870	74.3	58.0	25.4	86.0	108	86.0	12
13	74.7	50.4	81.6	81.4	60.2	15.6	83.7	72.2	47.5	84.8	119	86.0	13
14	78.5	56.6	87.1	86.3	67.5	30.5	86.4	100	41.3	86.8	81.6	87.1	14
15	70.3	55.8	91.3	98.6	48.0	28.4	89.6	131	44.0	85.4	89.3	79.2	15
16	65.9	64.3	64.2	81.8	82.0	28.2	83.1	142	46.4	78.0	87.8	80.8	16
17	68.3	65.6	61.6	93.7	85.0	65.1	86.0	143	32.9	85.2	80.3	88.1	17
18	68.0	63.3	63.1	83.4	63.5	85.4	61.3	145	36.7	85.2	83.8	85.3	18
19	65.4	58.8	65.8	85.8	16.9	72.8	133	140	43.4	83.8	87.8	80.2	19
20	62.0	61.4	70.9	87.4	8.676	74.2	71.9	144	83.9	89.0	82.7	88.3	20
21	63.1	65.6	68.7	88.2	0.855	37.8	28.0	134	78.3	84.2	84.0	85.5	21
22	66.0	30.3	72.5	83.6	17.3	67.4	28.7	116	90.4	61.5	117	83.5	22
23	63.6	35.4	77.7	86.0	15.7	42.0	47.7	111	45.7	70.8	86.4	81.8	23
24	34.3	63.5	73.1	87.6	15.0	10.4	42.3	99.3	61.7	86.0	72.7	80.4	24
25	62.8	62.2	70.5	86.8	42.1	57.4	26.8	96.1	62.1	84.4	84.2	73.4	25
26	62.0	63.3	84.0	84.5	48.6	64.6	30.3	91.6	66.8	82.2	88.4	24.8	26
27	62.2	62.6	84.6	85.0	41.1	60.1	36.8	115	66.4	87.4	86.6	32.4	27
28	61.0	77.3	84.6	86.3	15.4	70.5	63.9	138	69.1	81.1	86.2	32.9	28
29	60.6	77.8	85.8	108	26.6	75.8	31.3	112	67.4	108	80.0	33.2	29
30	60.6		83.9	85.9	25.1	74.8	34.0	113	66.1	127	82.3	33.6	30
31	62.8		86.4		22.1		32.6	113		116		33.7	31
TOTAL	2 093.0	1 711.7	2 280.6	2 565.8	1 621.631	1 196.009	1 944.6	2 783.7	1 828.7	2 282.5	2 780.7	2 304.1	TOTAL
MEAN	67.3	59.0	73.9	85.2	52.3	39.9	62.7	89.2	61.0	73.6	91.7	74.3	MEAN
MAX	93.1	77.8	86.4	108	86.9	85.4	133	145	102	127	119	100	MAX
MIN	34.2	30.3	41.6	81.4	0.855	0.869	26.8	22.7	27.4	27.1	63.6	28.8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.0
MAXIMUM DAILY, 145 ON AUG 16
MINIMUM DAILY, 0.855 ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 36 N
LONG 115 19 21 W
DRAINAGE AREA, 3 080 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	180 000	JUL	168 000
FEB	148 000	AUG	238 000
MAR	168 000	SEP	156 000
APR	247 000	OCT	197 000
MAY	140 000	NOV	238 000
JUN	103 000	DEC	198 000

TOTAL DISCHARGE, 2 220 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED SINCE 1972

NORTH SASKATCHEWAN RIVER NEAR LODGEPOLE - STATION NO. 05DE005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.611	3.071	2.306	2.543	2.285	---	---	1
2	---	---	---	---	---	2.376	2.927	2.341	2.389	2.307	---	---	2
3	---	---	---	---	---	2.285	2.820	2.321	2.283	2.274	---	---	3
4	---	---	---	---	---	2.274	2.826	3.301	2.442	2.323	---	---	4
5	---	---	---	---	---	2.322	2.775	2.268	2.431	2.348	---	---	5
6	---	---	---	---	---	2.200	2.850	2.226	2.248	2.355	---	---	6
7	---	---	---	---	---	2.388	2.854	2.376	2.471	2.200	---	---	7
8	---	---	---	---	---	2.581	---	2.349	2.448	2.202	---	---	8
9	---	---	---	---	2.420	2.826	---	2.444	2.513	2.360	---	---	9
10	---	---	---	---	2.389	3.255	---	2.458	2.491	2.389	---	---	10
11	---	---	---	---	2.435	3.218	---	2.316	2.474	2.401	---	---	11
12	---	---	---	---	2.376	3.027	---	2.349	2.502	2.520	---	---	12
13	---	---	---	---	2.274	3.108	---	2.550	2.512	2.403	---	---	13
14	---	---	---	---	2.431	3.100	---	2.587	2.575	2.335	---	---	14
15	---	---	---	---	2.426	3.118	---	2.536	2.430	2.312	---	---	15
16	---	---	---	---	2.353	3.132	---	2.829	2.430	2.448	---	---	16
17	---	---	---	---	2.547	3.135	---	2.834	2.493	2.370	---	---	17
18	---	---	---	---	2.645	3.126	---	2.806	2.441	2.376	---	---	18
19	---	---	---	---	2.513	3.155	---	2.674	2.391	2.317	---	---	19
20	---	---	---	---	2.510	3.058	---	2.765	2.525	2.278	---	---	20
21	---	---	---	---	2.350	2.899	---	2.725	2.833	2.106	---	---	21
22	---	---	---	---	2.305	2.765	---	2.748	3.088	2.238	---	---	22
23	---	---	---	---	2.236	2.794	---	2.673	2.827	2.203	---	---	23
24	---	---	---	---	2.238	2.786	---	2.551	2.708	2.332	---	---	24
25	---	---	---	---	2.363	2.850	---	2.433	2.618	2.388	---	---	25
26	---	---	---	---	2.129	2.911	---	2.369	2.681	2.385	---	---	26
27	---	---	---	---	2.139	2.816	---	2.449	2.728	2.292	---	---	27
28	---	---	---	---	2.333	2.902	---	2.499	2.590	---	---	---	28
29	---	---	---	---	2.288	2.946	---	2.587	2.280	---	---	---	29
30	---	---	---	---	2.250	3.011	---	2.604	2.188	---	---	---	30
31	---		---		2.336		2.365	2.563		---		---	31
MEAN	---	---	---	---	---	2.828	---	2.515	2.518	---	---	---	MEAN
MAX	---	---	---	---	---	3.255	---	2.834	3.088	---	---	---	MAX
MIN	---	---	---	---	---	2.200	---	2.226	2.188	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.255 ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 06 N
LONG 115 12 33 W

REGULATED SINCE 1960

DRAINAGE AREA,
20 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 784.860 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NORTH SASKATCHEWAN RIVER NEAR ROCKY MOUNTAIN HOUSE - STATION NO. 05DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	121	118	82.4	188	73.3	128	91.5	---	---	1
2	---	---	---	118	118	69.2	174	64.2	115	144	---	---	2
3	---	---	---	118	123	72.7	167	60.6	98.1	139	---	---	3
4	---	---	---	121	118	73.4	156	72.4	109	121	---	---	4
5	---	---	---	116	116	82.9	148	87.9	75.8	133	---	---	5
6	---	---	---	118	109	86.6	140	74.8	86.3	181	---	---	6
7	---	---	---	118	117	87.6	151	71.2	84.7	128	---	---	7
8	---	---	---	116	108	113	130	89.4	75.8	86.7	---	---	8
9	---	---	---	118	118	180	134	91.3	86.5	83.6	---	---	9
10	---	---	---	113	84.2	200	155	97.4	45.0	129	---	---	10
11	---	---	---	117	90.9	187	140	92.1	49.7	135	---	---	11
12	---	---	---	116	81.9	185	161	95.0	45.4	148	---	---	12
13	---	---	---	112	94.0	146	134	96.5	39.8	143	---	---	13
14	---	---	---	112	81.1	151	130	111	52.3	122	---	---	14
15	---	---	---	115	91.5	164	114	152	46.4	121	---	---	15
16	---	---	---	124	83.5	186	112	185	42.3	146	---	---	16
17	---	---	---	127	112	144	116	186	40.0	138	---	---	17
18	---	---	---	130	100	162	116	191	36.8	---	---	---	18
19	---	---	---	126	86.2	178	103	193	38.0	---	---	---	19
20	---	---	---	128	83.1	184	205	187	41.8	---	---	---	20
21	---	---	121	134	84.8	185	127	188	71.3	---	---	---	21
22	---	---	112	135	80.2	134	82.8	189	73.0	---	---	---	22
23	---	---	104	127	84.3	155	75.6	144	72.8	---	---	---	23
24	---	---	105	125	82.4	141	88.3	138	62.7	---	---	---	24
25	---	---	88.5	128	85.4	104	83.5	132	56.5	---	---	---	25
26	---	---	85.7	124	80.2	144	84.1	127	57.4	---	---	---	26
27	---	---	104	120	88.4	158	85.6	111	83.1	---	---	---	27
28	---	---	120	124	85.1	185	78.4	157	126	---	---	---	28
29	---	---	118	126	88.2	179	100	150	85.6	---	---	---	29
30	---	---	114	135	80.4	198	78.8	134	85.5	---	---	---	30
31	---		116		92.7		73.4	130		---		---	31
TOTAL	---	---	---	3 854	2 833.5	4 185.0	3 775.6	3 856.5	2 091.3	---	---	---	TOTAL
MEAN	---	---	---	122	85.0	139	122	124	69.7	---	---	---	MEAN
MAX	---	---	---	135	123	200	205	193	128	---	---	---	MAX
MIN	---	---	---	112	40.2	82.9	84.1	64.2	36.8	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 205 ON JUL 20

MAXIMUM INSTANTANEOUS,
241 AT 07:35 MST ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 22 51 N
LONG 114 56 21 W
DRAINAGE AREA, 11 000 km²

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	336 000
FEB	---	AUG	333 000
MAR	---	SEP	181 000
APR	319 000	OCT	---
MAY	336 000	NOV	---
JUN	380 000	DEC	---

NOSE CREEK AT CALGARY - STATION NO. 05BH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0388	0.3048	0.051	0.033	0.005	0.001	0.001E	0.072	---	---	1
2	---	---	0.0358	0.268	0.055	0.031	0.010	0.001E	0.001E	0.106	---	---	2
3	---	---	0.0258	0.271	0.046	0.018	0.001	0.003	0.001E	0.071	---	---	3
4	---	---	0.0178	0.233	0.047	0.015	0.002	0.075	0.001E	0.059	---	---	4
5	---	---	0.0288	0.211	0.150	0.308	0.022	0.048	0.001E	0.057	---	---	5
6	---	---	0.0358	0.208	0.190	0.120	0.006	0.027	0.481E	0.043	---	---	6
7	---	---	0.0318	0.210	0.133	0.143	0.004	0.038	0.212A	0.037	---	---	7
8	---	---	0.0288	0.194	0.098	0.312	0.007	0.036	0.040	0.029	---	---	8
9	---	---	0.0268	0.175	0.078	0.438	0.003	0.053	0.048	0.038	---	---	9
10	---	---	0.0278	0.165	0.076	0.409	0.001	0.011	0.057	0.020	---	---	10
11	---	---	0.0268	0.151	0.068	0.416	0.001E	0.003	0.142	0.032	---	---	11
12	---	---	0.0258	0.128	0.044	0.482	0.008	0.003	0.426	0.058	---	---	12
13	---	---	0.0248	0.114	0.041	0.346	0.022	0.015	0.090	0.024	---	---	13
14	---	---	0.0248	0.117	0.028	0.244	0.005	0.002E	0.084	0.022	---	---	14
15	---	---	0.0238	0.138	0.045	0.210	0.015	0.002E	0.089	0.022	---	---	15
16	---	---	0.0428	0.263	0.238	0.172	0.013	0.002E	0.029	0.024	---	---	16
17	---	---	0.0688	0.176	0.128	0.106	0.003	0.002E	0.027	0.013	---	---	17
18	---	---	0.1268	0.239	0.072	0.089	0.001	0.002E	0.023	0.011	---	---	18
19	---	---	0.0868	0.251	0.078	0.137	0.003	0.002E	0.024	0.010	---	---	19
20	---	---	0.1268	0.213	0.060	0.049	0.001E	0.002E	0.189	0.018	---	---	20
21	---	0.0178	0.2518	0.184	0.032	0.035	0.248	0.001E	0.307	0.018	---	---	21
22	---	0.0158	0.3668	0.158	0.018	0.200	0.044	0.001E	0.300E	0.029	---	---	22
23	---	0.0088	0.4408	0.126	0.105	0.044	0.015	0.001E	0.400E	0.060	---	---	23
24	---	0.0028	0.4718	0.101	0.100	0.028	0.025	0.001E	0.300E	0.079	---	---	24
25	---	0.0018	0.4858	0.103	0.061	0.021	0.018	0.001E	0.250E	0.073	---	---	25
26	---	0.0018	0.3578	0.094	0.044	0.021	0.033	0.001E	0.200A	0.084	---	---	26
27	---	0.0018	0.3538	0.072	0.287	0.017	0.001	0.001E	0.188	0.0528	---	---	27
28	---	0.0188	0.4038	0.083	0.145	0.014	0.001E	0.001E	0.130	0.0558	---	---	28
29	---	0.0308	0.3518	0.056	0.109	0.011	0.005	0.001E	0.102	0.0518	---	---	29
30	---		0.3368	0.052	0.084	0.008	0.018	0.001E	0.083	0.0508	---	---	30
31	---		0.3198		0.040		0.002	0.001E		0.0488			31
TOTAL	---	---	4.997	4.977	2.745	4.454	0.541	0.337	4.224	1.389	---	---	TOTAL
MEAN	---	---	0.161	0.166	0.089	0.148	0.017	0.011	0.141	0.044	---	---	MEAN
MAX	---	---	0.485	0.304	0.287	0.482	0.246	0.075	0.481	0.106	---	---	MAX
MIN	---	---	0.017	0.053	0.018	0.008	0.001	0.001	0.001	0.010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.097
MAXIMUM DAILY, 0.4858 ON MAR 25
MINIMUM DAILY, 0.001 ON JUL 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 20 N
LONG 114 03 45 W
DRAINAGE AREA, 893 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	46.7
FEB	---	AUG	29.1
MAR	432	SEP	365
APR	430	OCT	118
MAY	237	NOV	---
JUN	385	DEC	---

TOTAL DISCHARGE, 2 040 dam³

NOSE CREEK NEAR THE MOUTH - STATION NO. 05BH901

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.126	0.105	0.052	0.056	0.185	---	---	1
2	---	---	---	---	---	0.114	0.106	0.055	0.086	0.163	---	---	2
3	---	---	---	---	---	0.107	0.099	1.33	0.057	0.166	---	---	3
4	---	---	---	---	---	0.104	0.116	1.29	0.058	0.152	---	---	4
5	---	---	---	---	---	2.80	0.112	0.086	0.073	0.134	---	---	5
6	---	---	---	---	---	1.07	0.094	0.130	0.065	0.139	---	---	6
7	---	---	---	---	0.227A	1.55	0.100	0.078	4.79	0.133	---	---	7
8	---	---	---	---	0.187	5.02	0.107	0.068	1.36	0.142	---	---	8
9	---	---	---	---	0.157	2.95	0.099	0.064	0.128	0.126	---	---	9
10	---	---	---	---	0.138	1.29	0.113	0.089	0.338	0.135	---	---	10
11	---	---	---	---	0.129	0.747	0.087	0.068	0.234	0.139	---	---	11
12	---	---	---	---	0.126	0.511	0.358	0.074	0.112	0.200	---	---	12
13	---	---	---	---	0.111	0.343	0.298	0.064	3.81	0.143	---	---	13
14	---	---	---	---	0.109	0.252	0.104	0.058	0.579	0.116	---	---	14
15	---	---	---	---	0.130	0.206	0.089	0.056	1.16	0.114	---	---	15
16	---	---	---	---	1.77	0.181	0.094	0.047	0.278	0.125	---	---	16
17	---	---	---	---	0.408	0.184	0.091	0.049	0.158	0.129	---	---	17
18	---	---	---	---	0.169	0.145	0.083	0.059	0.127	0.138	---	---	18
19	---	---	---	---	0.131	0.376	0.088	0.059	0.111	0.165	---	---	19
20	---	---	---	---	0.128	0.315	0.197	0.055	0.112	0.169	---	---	20
21	---	---	---	---	0.120	0.242	1.25	0.047	0.089	0.164	---	---	21
22	---	---	---	---	0.114	0.982	0.180	0.044	1.04	0.235	---	---	22
23	---	---	---	---	0.643	0.198	0.079	0.045	2.45	0.240	---	---	23
24	---	---	---	---	0.520	0.147	0.068	0.049	1.32	0.267	---	---	24
25	---	---	---	---	0.296	0.125	0.065	0.053	1.31	0.266	---	---	25
26	---	---	---	---	0.238	0.113	0.084	0.055	0.940	0.524	---	---	26
27	---	---	---	---	4.08	0.107	0.082	0.054	0.700	0.163	---	---	27
28	---	---	---	---	0.488	0.107	0.072	0.048	0.431	0.160	---	---	28
29	---	---	---	---	0.371	0.105	0.130	0.037	0.275	0.158	---	---	29
30	---	---	---	---	0.183	0.104	0.114	0.042	0.240	0.181A	---	---	30
31	---	---	---	---	0.168		0.076	0.055		0.1708			31
TOTAL	---	---	---	---	---	21.587	4.721	4.344	22.498	5.441	---	---	TOTAL
MEAN	---	---	---	---	---	0.720	0.152	0.140	0.750	0.176	---	---	MEAN
MAX	---	---	---	---	---	5.02	1.25	1.33	4.79	0.524	---	---	MAX
MIN	---	---	---	---	---	0.104	0.065	0.037	0.056	0.114	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.02 ON JUN 8

MAXIMUM INSTANTANEOUS,
14.9 AT 03:20 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 00 N
LONG 114 01 00 W
DRAINAGE AREA, 986 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	468
FEB	---	AUG	275
MAR	---	SEP	1 940
APR	---	OCT	470
MAY	---	NOV	---
JUN	1 870	DEC	---

NOTIKEWIN RIVER AT MANNING - STATION NO 07HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0738	0.0108	0.0026	1.558	8.58	48.7	53.8	5.38	5.48	4.10	2.148	1.02 E	1
2	0.0688	0.0108	0.0026	2.208	7.87	44.2	188	4.72	5.87	3.97	2.118	0.9508	2
3	0.0648	0.0088	0.0026	2.228	7.43	43.3	116	5.09	7.87	3.91	2.058	0.9108	3
4	0.0608	0.0088	0.0018	3.228	8.00	36.8	95.3	8.92	12.0	4.03	2.008	0.8858	4
5	0.0568	0.0088	0.0018	4.188	7.87	31.4	89.5	17.5	18.6	4.28	2.258	0.8858	5
6	0.0528	0.0088	0.0018	4.578	7.55	29.1	87.7	16.5	17.8	4.55	2.208	0.8558	6
7	0.0478	0.0088	0.0018	5.018	7.72	33.3	107	14.0	18.0	4.82	2.238	0.8708	7
8	0.0438	0.0088	0.0018	5.548	8.01	57.5	123	11.4	18.4	5.55	2.178	0.8858	8
9	0.0408	0.0078	0.0018	5.908	9.21	95.0	123	9.83	18.0	5.09	2.028	0.9008	9
10	0.0378	0.0078	0.0018	6.258	9.77	88.4	110	8.83	18.5	5.35	1.958	0.8908	10
11	0.0348	0.0078	0.0018	5.648	8.93	67.9	88.4	7.92	17.2	5.88	1.948	0.8108	11
12	0.0318	0.0078	0.0018	4.708	8.44	52.4	88.4	8.85	15.6	5.30	1.858	0.7558	12
13	0.0288	0.0068	0.0018	4.408	7.84	43.0	81.3	9.98	14.1	4.80	1.838	0.7008	13
14	0.0268	0.0068	0.0018	5.008	7.28	38.1	87.8	9.94	12.9	4.95	1.828	0.8508	14
15	0.0248	0.0068	0.0018	10.2 A	7.06	35.3	52.5	5.35	11.8	4.91	1.838	0.8008	15
16	0.0228	0.0068	0.0028	14.8	7.31	29.1	44.8	5.95	10.5	5.76	1.838	0.5558	16
17	0.0218	0.0058	0.0028	16.4	7.94	24.2	36.4	5.98	9.59	7.02	1.848	0.5248	17
18	0.0208	0.0058	0.0038	25.4	44.2	20.2	29.2	6.49	8.59	8.048	1.868	0.4908	18
19	0.0188	0.0058	0.0038	27.0	116	17.3	24.0	8.52	8.28	4.848	1.898	0.4458	19
20	0.0188	0.0058	0.0048	21.7	92.2	15.0	20.3	8.41	7.98	4.748	1.928	0.4208	20
21	0.0158	0.0048	0.0048	20.4	112	13.5	18.2	5.68	7.03	5.238	1.988	0.3908	21
22	0.0148	0.0048	0.0058	18.2	207	12.5	17.0	5.41	6.55	5.238	2.008	0.3508	22
23	0.0138	0.0048	0.0088	14.8	230	12.0	16.1	5.30	6.08	5.338	1.958	0.3008	23
24	0.0128	0.0048	0.0108	14.8	172	11.2	15.4	5.25	5.86	4.228	1.898	0.2758	24
25	0.0128	0.0038	0.0208	13.9	136	10.8	14.2	6.15	5.64	4.138	1.708	0.2458	25
26	0.0128	0.0038	0.0508	12.3	122	10.1	12.3	7.51	5.29	3.888	1.558	0.2208	26
27	0.0128	0.0038	0.1508	11.1	113	9.33	10.5	7.46	4.94	3.338	1.408	0.2008	27
28	0.0118	0.0038	0.3008	10.5	97.7	8.40	9.02	8.85	4.67	2.988	1.258	0.1858	28
29	0.0118	0.0028	0.6638	9.43	81.5	7.98	7.83	6.35	4.49	2.428	1.208	0.1758	29
30	0.0118		1.21 B	9.32	68.8	18.1	6.89	5.58	4.28	2.288	1.158	0.1758	30
31	0.0108		1.16 B		55.5		6.08	4.98		2.178		0.1808	31
TOTAL	0.913	0.173	3.612	306.84	1 783.62	983.81	1 879.80	232.31	309.93	150.30	55.78	17.684	TOTAL
MEAN	0.029	0.006	0.117	10.2	57.5	32.1	64.2	7.49	10.3	4.85	1.86	0.570	MEAN
MAX	0.073	0.010	1.21	27.0	230	95.0	188	17.5	18.6	7.02	2.25	1.02	MAX
MIN	0.010	0.002	0.001	1.56	7.06	7.98	5.08	4.72	4.28	3.17	1.15	0.175	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.0
MAXIMUM DAILY, 230 ON MAY 23
MINIMUM DAILY, 0.0018 ON MAR 4
MAXIMUM INSTANTANEOUS,
239 AT 05.00 MST ON MAY 23

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 10 N
LONG 117 37 05 W
DRAINAGE AREA, 4 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 9	JUL	145 000
FEB	14 9	AUG	28 100
MAR	313	SEP	26 800
APR	26 500	OCT	13 000
MAY	154 000	NOV	4 820
JUN	83 300	DEC	1 530

TOTAL DISCHARGE, 475 000 dam³

OLDMAN RIVER NEAR BROOKS - STATION NO 05AA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	6.708	6.93	6.71	18.5	109	80.2	18.0	8.73	10.4	4.608	3.708	1
2	7.708	6.508	7.34	6.35	17.7	85.6	52.5	17.9	8.82	10.6	7.068	4.408	2
3	8.008	6.408	6.99	6.35	18.4	74.2	47.8	19.7	8.80	11.5	13.8	4.808	3
4	9.208	6.258	6.60	6.84	18.3	69.5	44.8	18.9	8.48	12.9	14.7	5.308	4
5	9.408	6.108	6.76	7.54	18.4	68.3	42.6	17.7	8.13	13.2	12.7	5.808	5
6	9.608	7.958	6.82	8.41	18.7	70.5	44.0	16.4	7.77	14.2	11.7	6.708	6
7	9.508	7.808	6.72	8.67	18.0	74.4	42.5	15.5	8.22	13.9	11.3	7.108	7
8	9.708	7.708	6.74	8.41	17.9	82.4	39.1	14.5	8.58	13.2	10.3	6.708	8
9	9.408	7.558	4.708	8.36	20.5	93.5	38.0	13.6	8.33	13.7	9.288	6.408	9
10	9.308	7.458	4.258	8.13	26.9	88.1	33.5	13.4	9.96	12.3	8.488	6.258	10
11	9.608	7.408	3.908	8.15	25.0	83.1	31.3	13.0	8.56	12.2	9.628	6.108	11
12	9.508	7.308	3.708	7.84	23.7	81.6	30.1	12.2	8.67	11.8	9.128	6.008	12
13	9.008	7.208	3.458	7.48	24.7	83.0	28.2	12.7	8.53	12.6	8.338	6.008	13
14	8.508	7.118	3.358	7.54	29.2	87.2	28.6	12.2	8.17	12.7	8.158	6.005	14
15	8.308	7.008	3.408	8.79	53.1	87.7	27.2	11.7	8.67	12.6	8.648	5.808	15
16	8.008	6.908	3.508	12.0	88.1	103	25.6	11.1	8.67	12.3	7.848	5.508	16
17	7.908	6.708	4.208	10.4	101	101	24.3	10.8	8.18	12.2	7.758	5.258	17
18	7.908	6.558	5.008	31.4	83.1	92.2	23.5	10.6	7.90	11.7	8.138	5.228	18
19	7.958	6.708	5.708	37.2	74.6	83.7	22.7	10.5	7.88	11.7	8.778	5.208	19
20	8.008	7.158	6.808	40.8	84.1	78.4	21.8	10.1	8.24	11.1	8.328	5.178	20
21	8.108	7.508	7.91	37.5	88.1	81.2	21.3	9.88	10.1	8.42	8.268	5.158	21
22	8.308	7.808	8.53	38.8	73.8	90.9	21.4	9.79	12.1	9.65	8.258	5.138	22
23	8.508	7.858	9.46	38.4	64.6	84.7	19.8	9.69	12.1	8.80	7.788	5.118	23
24	8.708	7.408	9.71	34.2	62.0	81.8	18.8	9.65	11.3	10.9	8.868	5.108	24
25	8.808	7.208	8.75	30.3	56.1	82.1	17.5	9.23	10.5	10.4	7.858	5.008	25
26	8.608	6.85	7.76	27.4	51.8	81.1	16.6	8.62	10.6	10.6	3.418	4.808	26
27	8.058	7.65	7.62	24.9	49.7	78.0	16.5	8.38	10.3	9.02	2.648	4.808	27
28	9.108	7.22	8.94	23.0	51.1	74.4	16.9	7.94	9.85	8.608	2.608	4.758	28
29	9.158	7.05	7.17	21.0	57.4	69.5	16.1	8.70	9.80	5.488	3.008	4.808	29
30	9.108		7.27	19.4	69.3	67.1	20.6	8.28	10.2	4.728	2.308	4.828	30
31	8.958		6.71		132		19.6	8.27		5.088		4.858	31
TOTAL	271.60	210.84	194.58	551.41	1 585.8	2 497.3	915.4	376.42	280.07	336.43	250.63	167.70	TOTAL
MEAN	8.76	7.46	6.26	18.4	50.5	83.2	29.5	12.2	9.34	10.9	8.35	5.41	MEAN
MAX	9.80	8.70	9.71	40.8	132	109	80.2	19.7	12.1	14.2	14.7	7.10	MAX
MIN	7.90	6.85	3.35	6.26	17.7	67.1	16.5	7.94	7.88	4.72	2.84	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 132 ON MAY 31
MINIMUM DAILY, 2.648 ON NOV 27
MAXIMUM INSTANTANEOUS,
144 AT 10.40 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 27 N
LONG 113 49 30 W
DRAINAGE AREA, 4 400 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 500	JUL	79 100
FEB	16 700	AUG	33 600
MAR	16 800	SEP	24 300
APR	47 600	OCT	29 100
MAY	136 000	NOV	21 700
JUN	216 000	DEC	14 500

TOTAL DISCHARGE, 559 000 dam³

OLDMAN RIVER NEAR LETHBRIDGE - STATION NO. 05AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 58	29 88	13 2 B	12 5	9 77	98 1	85 1 E	8 82	4 65	11 2	10 98	11 2 B	1
2	11 08	29 98	13 5 B	12 7	8 63	90 0	80 6 E	8 03	5 34	12 5	11 08	11 0 B	2
3	13 08	29 28	13 7 B	12 3	7 56	88 0	73 3 A	7 30	5 76	12 8	12 08	11 0 B	3
4	10 48	29 08	13 4 B	11 6	6 81	56 2	57 2	7 13	5 38	11 4	13 08	10 7 B	4
5	21 78	26 58	13 0 B	11 5	6 33	51 3	35 4	6 56	4 05	11 3	15 08	10 6 B	5
6	22 58	27 88	12 4 B	11 6	6 36	48 8	26 2	6 23	5 00	12 9	17 08	10 5 B	6
7	23 08	27 08	12 3 B	12 7	6 50	48 7	33 1 A	6 07	8 82	13 5	21 88	10 2 B	7
8	22 48	26 08	12 1 B	12 8	6 74	55 9	37 8 E	5 86	7 08	14 8	21 88	9 808	8
9	22 28	25 08	11 4 B	13 6	5 59	63 5	39 2 E	5 32	7 08	14 8	21 88	9 608	9
10	22 02	24 58	11 0 B	13 7	5 75	74 8	21 7 E	5 08	6 64	15 7	21 88	9 608	10
11	21 68	23 58	10 5 B	13 0	4 98	72 9	15 0 A	5 13	6 16	16 5	21 28	9 418	11
12	21 28	22 28	10 0 B	13 0	7 35	67 3	12 8	5 35	5 62	16 4	20 58	9 208	12
13	21 08	21 58	9 808	12 7	8 16	64 5	11 1	5 42	5 56	16 2	19 58	9 008	13
14	20 48	18 98	9 808	12 5	8 89	65 0	10 3	5 50	5 60	16 1	18 08	8 808	14
15	20 58	19 18	9 808	11 9	9 82	66 5	9 28	5 51	5 47	16 8	17 28	8 608	15
16	20 38	19 08	9 608	11 3	14 3	77 1	8 53	5 49	4 87	17 4	17 58	8 458	16
17	20 28	18 78	10 0 B	9 85	58 0	84 1	7 84	5 07	4 20	17 7	18 08	8 408	17
18	20 58	18 28	13 0 B	8 26	71 5	84 4	6 56	5 06	3 93	18 2	19 08	8 208	18
19	21 08	18 08	15 7 B	10 5	69 7	78 4	5 67	5 02	3 70	18 8	19 08	8 108	19
20	21 48	17 78	16 0	16 8	62 5	66 8	4 76	4 58	5 74	19 0	19 08	8 008	20
21	23 08	17 08	15 6	22 3	56 5	65 2	4 29	3 90	6 11	19 3	18 78	7 808	21
22	24 08	16 48	14 6	23 7	62 8	65 2	3 94	3 77	7 05	19 0	18 08	7 508	22
23	25 08	16 08	13 9	20 8	63 5	68 0	3 45	3 37	8 05	18 58	17 08	7 708	23
24	26 58	16 28	14 1	21 9	48 8	68 5	3 53	3 25	8 23	18 08	16 58	7 608	24
25	28 38	16 28	14 9	22 1	48 5	69 4	3 38	3 68	8 18	18 08	15 08	7 568	25
26	26 68	16 18	15 9	19 7	43 5	94 9	3 40	3 60	7 90	14 08	13 58	7 508	26
27	29 08	15 88	15 3	16 5	41 3	87 7	3 63	3 33	8 61	13 08	12 58	7 458	27
28	29 58	15 08	14 1	14 2	39 1	84 9	3 56	3 39	10 4	12 58	12 08	7 458	28
29	29 48	14 08	13 5	12 1	36 3	84 5	4 53	3 31	10 5	12 08	11 58	7 358	29
30	29 48		13 2	10 5	36 4	88 0A	6 18	2 96	10 2	11 28	11 48	7 308	30
31	29 88		13 0		58 3		8 99	3 91		11 08		7 258	31
TOTAL	691 3	618 2	384 10	428 71	885 94	2 209 5	601 45	159 47	197 93	463 5	495 3	273 56	TOTAL
MEAN	22 3	21 2	12 4	14 3	28 6	73 7	19 4	5 14	6 60	15 0	16 6	8 82	MEAN
MAX	29 8	29 9	15 0	23 7	71 5	98 1	85 1	8 82	10 5	19 2	21 8	11 2	MAX
MIN	10 4	14 0	9 80	8 26	4 98	48 8	3 38	3 25	3 70	11 0	10 9	7 25	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 20 3
MAXIMUM DAILY, 98 1 ON JUN 1
MINIMUM DAILY, 2 98 ON AUG 30
MAXIMUM INSTANTANEOUS
107 AT 10 35 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 112 52 30 W
DRAINAGE AREA, 17 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1910

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 700	JUL	52 000
FEB	53 200	AUG	13 800
MAR	33 200	SEP	17 100
APR	37 100	OCT	40 000
MAY	76 500	NOV	43 100
JUN	191 000	DEC	23 600

TOTAL DISCHARGE, 540 000 dam³

OLDMAN RIVER NEAR THE MOUTH - STATION NO. 05AG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 8 B	34 48	26 5 B	14 0	13 6	67 2	89 3	11 8	7 42	15 1	12 58	11 5 B	1
2	11 3 B	34 28	28 4 B	13 7	11 7	107	94 3	12 0	7 71	15 1	13 08	11 0 B	2
3	11 7 B	33 88	28 3 B	13 6	10 9	106	90 9	14 5	9 05	15 4	13 58	10 5 B	3
4	12 5 B	33 28	28 2 B	13 4	10 3	82 4	82 3	15 4	9 55	16 5	14 58	10 3 B	4
5	13 4 B	32 88	28 7 B	13 1	10 2	66 9	86 4	14 2	9 94	17 6	17 08	10 0 B	5
6	15 2 B	32 08	23 2 B	12 6	9 71	56 8	48 5	15 0	9 46	17 1	20 08	10 0 B	6
7	15 6 B	31 38	20 3 B	11 9	9 15	53 7	36 3	12 7	9 83	16 3	24 08	9 758	7
8	15 6 B	30 48	18 0 B	12 2	8 45	52 8	30 6	11 5	11 9	15 1	26 08	10 0 B	8
9	15 0 B	29 58	17 0 B	13 1	8 27	60 5	28 2	11 4	13 3	20 4	30 58	11 0 B	9
10	14 0 B	28 78	15 5 B	13 4	8 25	71 0	28 9	12 1	11 5	21 1	31 08	12 2 B	10
11	13 4 B	28 08	14 5 B	14 0	8 75	85 2	26 0	11 5	10 8	20 3	30 58	13 5 B	11
12	12 5 B	27 28	13 0 B	14 2	8 69	83 8	22 8	10 3	10 4	20 0	29 08	14 5 B	12
13	11 5 B	26 58	11 0 B	13 5	8 18	73 4	19 5	10 5	8 84	19 8	27 08	15 0 B	13
14	11 0 B	25 48	10 2 B	13 2	7 70	67 5	17 4	11 1	8 00	18 9	25 08	14 5 B	14
15	10 5 B	24 68	9 808	12 9	10 6	65 0	16 0	11 3	7 93	18 2	20 08	14 0 B	15
16	10 0 B	24 08	14 0 B	13 8	12 2	67 3	15 8	11 4	7 51	17 9	18 58	13 0 B	16
17	9 508	23 48	20 5 B	11 9	13 3	74 5	14 7	11 6	7 22	18 5	18 08	12 5 B	17
18	9 508	23 08	22 0 B	11 5	30 4	85 0	13 0	10 8	6 95	19 4	19 08	12 0 B	18
19	10 0 B	22 48	22 1 B	12 1	75 1	85 4	12 3	11 0	6 88	20 0	21 18	11 3 B	19
20	13 0 B	22 68	21 0	10 2	63 9	77 7	11 3	10 6	6 81	20 1	29 58	11 0 B	20
21	15 0 B	22 08	21 3	11 1	54 2	68 8	9 75	9 84	7 85	20 0	30 08	10 5 B	21
22	14 5 B	21 58	19 6	16 3	55 3	72 6	9 18	9 33	8 94	20 7	28 58	10 0 B	22
23	23 4 B	21 18	18 4	21 9	66 8	75 9	9 44	8 87	11 3	21 2	26 08	9 508	23
24	27 0 B	21 08	18 5	23 0	59 3	82 1	9 56	8 54	10 7	20 8	24 08	9 008	24
25	28 4 B	21 08	15 5	20 9	52 8	87 7	9 04	8 05	11 9	19 2	22 58	8 008	25
26	31 0 B	21 18	15 5	23 2	51 8	88 9	8 31	8 90	11 9	16 08	20 08	8 008	26
27	32 0 B	21 28	15 5	22 8	49 5	88 1	8 71	8 75	12 0	15 08	18 08	8 508	27
28	33 0 B	22 08	17 6	20 1	47 3	86 6	8 33	7 80	12 0	14 08	16 08	8 258	28
29	34 0 B	23 08	16 6	17 9	44 6	83 4	8 25	7 65	11 7	13 08	14 08	8 258	29
30	34 4 B		15 4	15 8	40 4	81 4	9 35	8 82	14 0	12 58	13 08	8 258	30
31	34 6 B		14 6		37 4		11 6	6 44		12 08		8 008	31
TOTAL	556 60	761 7	580 90	481 1	697 93	2 294 7	869 15	328 00	293 57	551 2	653 6	336 05	TOTAL
MEAN	18 0	26 3	18 7	16 0	22 0	76 5	28 0	10 6	9 79	17 8	21 8	10 8	MEAN
MAX	34 6	34 4	28 4	23 2	75 1	107	94 3	15 4	14 0	21 2	31 0	15 0	MAX
MIN	9 50	21 0	9 80	10 3	7 70	47 2	8 25	6 44	6 61	12 0	12 5	8 00	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33 4
MAXIMUM DAILY, 107 ON JUN 2
MINIMUM DAILY, 6 44 ON AUG 31
MAXIMUM INSTANTANEOUS,
122 AT 15 05 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 05 N
LONG 111 48 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 300	JUL	75 100
FEB	65 600	AUG	28 300
MAR	50 200	SEP	25 400
APR	38 000	OCT	47 600
MAY	77 600	NOV	55 500
JUN	198 000	DEC	29 000

TOTAL DISCHARGE, 741 000 dam³

OLDMAN RIVER NEAR WALDRON'S CORNER - STATION NO 05AA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 408	1 858	1 518	2 108	4 43	27 4	20 2	5 88	3 40	3 22	2 01 B	2 108	1
2	2 188	1 858	1 578	2 128	4 40	21 9	17 9	5 51	3 35	3 28	2 00 B	1 858	2
3	2 408	1 858	1 708	2 208	4 61	20 9	16 3	5 72	3 29	3 58	2 20 B	1 808	3
4	2 558	1 858	1 748	2 258	4 50	19 7	14 5	5 38	3 25	3 78	2 38 B	1 838	4
5	2 528	1 858	1 808	2 138	4 62	20 1	14 6	5 35	3 18	3 78	2 40 B	2 158	5
6	2 438	1 858	1 848	2 278	4 52	21 1	18 0	5 58	3 07	3 88	2 40 B	2 408	6
7	2 408	1 858	1 888	2 178	4 44	24 2	15 5	5 40	3 21	3 53	2 30 B	2 488	7
8	2 158	1 858	1 908	2 178	4 89	26 8	13 8	5 07	3 24	3 42	2 20 B	2 368	8
9	2 058	1 858	1 908	2 148	7 33	35 5	12 5	4 81	3 20	3 37	2 32 B	2 258	9
10	2 108	1 858	1 908	2 188	7 20	32 2	11 6	4 67	3 18	3 31	2 35 B	2 158	10
11	1 958	1 768	1 888	2 138	6 13	31 2	10 9	4 56	3 19	3 30	2 15 B	2 128	11
12	1 858	1 848	1 728	1 958	5 81	30 9	10 4	4 45	3 34	3 29	2 20 B	2 058	12
13	1 758	1 698	1 558	2 018	5 70	31 6	10 1	4 45	3 23	3 27	2 25 B	1 858	13
14	1 708	1 788	1 508	2 348	8 22	31 6	9 58	4 34	3 19	3 28	2 30 B	1 858	14
15	1 708	1 778	1 588	3 24	16 4	34 2	8 91	4 20	3 14	3 22	2 35 B	1 838	15
16	1 628	1 708	1 908	4 43	31 6	34 4	8 52	4 06	3 06	3 18	2 40 B	1 408	16
17	1 608	1 688	2 208	7 85	28 8	32 6	8 08	3 98	2 96	3 20	2 48 B	1 238	17
18	1 558	1 688	2 278	9 28	21 4	29 3	7 70	3 93	2 85	2 908	2 47 B	1 208	18
19	1 608	1 708	2 288	8 22	20 7	27 3	7 48	3 91	2 81	2 808	2 35 B	1 308	19
20	1 838	1 728	2 358	7 50	23 8	27 5	7 15	3 90	2 93	2 808	2 39 B	1 408	20
21	1 728	1 708	2 448	7 05	19 5	25 5	7 28	3 80	3 60	2 408	2 25 B	1 538	21
22	1 838	1 658	2 438	8 47	15 8	33 5	7 38	3 69	3 68	2 708	2 20 B	1 638	22
23	1 908	1 578	2 548	7 40	15 6	32 8	6 71	3 59	3 50	2 808	1 95 B	1 708	23
24	1 908	1 608	2 508	6 01	14 7	31 8	6 36	3 53	3 21	2 858	1 90 B	1 688	24
25	1 858	1 598	2 538	5 24	13 2	31 1	6 08	3 50	3 30	2 308	1 00 B	1 658	25
26	1 658	1 678	2 588	4 78	12 5	29 5	5 90	3 40	3 26	1 808	0 7008	1 308	26
27	1 858	1 578	2 628	4 83	11 2	27 8	5 87	3 34	3 10	1 808	1 80 B	1 228	27
28	1 858	1 598	2 678	4 50	12 3	26 0	6 31	3 77	2 83	1 708	2 00 B	1 258	28
29	1 858	1 618	2 438	4 20	16 2	24 3	6 10	3 58	3 03	1 608	2 12 B	1 308	29
30	1 858		2 188	4 21	32 4	23 1	6 35	3 46	3 23	1 758	2 15 B	1 358	30
31	1 858		2 108		39 6		6 08	3 44		1 808		1 388	31
TOTAL	59 73	50 57	64 09	127 35	420 40	851 7	314 53	134 27	95 81	89 36	63 760	53 16	TOTAL
MEAN	1 93	1 74	2 07	4 25	13 6	28 4	10 1	4 33	3 19	2 88	2 13	1 71	MEAN
MAX	2 55	1 89	2 62	9 28	39 6	35 5	20 2	5 72	3 58	3 78	2 48	2 48	MAX
MIN	1 50	1 57	1 50	1 95	4 40	19 7	5 87	3 34	2 81	1 60	0 700	1 20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 35
MAXIMUM DAILY, 39 6 ON MAY 31
MINIMUM DAILY, 0 7008 ON NOV 26
MAXIMUM INSTANTANEOUS,
48 6 AT 03 20 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 50 N
LONG 114 11 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 160	JUL	27 200
FEB	4 370	AUG	11 500
MAR	5 540	SEP	8 280
APR	11 000	OCT	7 720
MAY	36 300	NOV	5 510
JUN	73 600	DEC	4 590

TOTAL DISCHARGE, 201 000 dam³

ONETREE CREEK NEAR PATRICIA - STATION NO 05CJ006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0998	0 1058	0 013	2 11	2 01	4 75	1 92	0 650	0 1678	---	1
2	---	---	0 0958	0 1268	0 016	2 20	2 21	4 01	1 88	0 737	0 1208	---	2
3	---	---	0 0908	0 134	0 025	1 91	2 22	4 03	1 95	1 09	0 1058	---	3
4	---	---	0 0748	0 190	0 071	1 84	2 35	3 21	1 95	1 50	0 1008	---	4
5	---	---	0 0708	0 186	0 037	1 80	2 70	2 70	1 87	1 92	0 1058	---	5
6	---	---	0 0638	0 119	0 065	1 88	2 71	2 37	1 75	2 03	0 1098	---	6
7	---	---	0 0608	0 159	0 180	2 31	2 91	2 00	1 97	1 92	0 1108	---	7
8	---	---	0 0588	0 163	0 324	2 77	3 01	1 91	2 17	1 81	0 1128	---	8
9	---	---	0 0558	0 147	0 893	4 21	3 18	1 80	2 28	1 85	0 1138	---	9
10	---	---	0 0408	0 139	1 81	4 20	3 43	2 06	2 45	2 04	0 1098	---	10
11	---	---	0 0388	0 162	1 84	4 60	3 16	2 47	2 53	1 75	0 1058	---	11
12	---	---	0 0338	0 168	1 83	3 31	2 81	2 66	1 38	1 83	0 1018	---	12
13	---	---	0 0308	0 169	1 78	2 39	3 01	2 84	0 832	1 85	0 0978	---	13
14	---	---	0 0288	0 170	1 92	2 52	3 21	2 36	0 758	1 72	0 0938	---	14
15	---	---	0 0298	0 180	1 84	2 16	3 10	2 51	0 599	1 78	0 0898	---	15
16	---	---	0 0358	0 152	1 80	2 15	2 87	2 53	0 466	1 55 B	0 0868	---	16
17	---	---	0 0508	0 165	1 58	3 07	2 50	2 37	0 345	1 05 B	0 0828	---	17
18	---	---	0 0528	0 176	1 35	3 16	2 58	2 43	0 326	0 4158	0 0788	---	18
19	---	---	0 0558	0 164	1 31	2 63	2 61	2 32	0 637	0 3508	0 0748	---	19
20	---	---	0 0588	0 173	1 58	2 83	2 18	2 42	0 503	0 3458	0 0708	---	20
21	---	0 0908	0 0648	0 171	1 70	3 07	2 52	2 22	0 748	0 3408	0 0868	---	21
22	---	0 0858	0 0858	0 170	1 66	3 81	2 84	2 14	1 11	0 3458	0 0828	---	22
23	---	0 0808	0 1308	0 116	1 57	4 32	2 76	2 10	1 04	0 3488	0 0588	---	23
24	---	0 0788	0 2408	0 087	94	3 97	2 20	2 13	0 885	0 4158	0 0548	---	24
25	---	0 0808	0 2908	0 082	1 99	4 03	2 57	2 31	0 753	0 4448	0 0508	---	25
26	---	0 0908	0 2558	0 011	2 99	2 63	2 83	2 09	0 689	0 3908	0 0468	---	26
27	---	0 0958	0 2708	0 008	3 36	2 91	2 45	1 95	0 619	0 3518	0 0428	---	27
28	---	0 0988	0 2858	0 018	3 13	2 39	2 94	2 02	0 575	0 3308	0 0388	---	28
29	---	0 1008	0 3058	0 015	2 87	1 88	3 31	2 00	0 719	0 3008	0 0358	---	29
30	---		0 2908	0 017	2 30	1 93	5 85	1 74	0 648	0 2858	0 0318	---	30
31	---		0 1678		2 13		8 55	1 85		0 2308		---	31
TOTAL	---	---	3 408	3 760	45 484	84 38	93 27	76 33	38 225	31 177	2 507	---	TOTAL
MEAN	---	---	0 110	0 125	1 47	2 81	3 01	2 46	1 21	1 01	0 084	---	MEAN
MAX	---	---	0 309	0 190	3 36	4 60	8 55	4 75	2 53	2 04	0 167	---	MAX
MIN	---	---	0 025	0 008	0 013	1 80	2 01	1 74	0 326	0 230	0 031	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 98
MAXIMUM DAILY, 8 55 ON JUL 31
MINIMUM DAILY, 0 013 ON MAY 1
MAXIMUM INSTANTANEOUS,
10 4 AT 02 53 MST ON JUL 31

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 111 41 15 W
DRAINAGE AREA, 495 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 060
FEB	---	AUG	6 590
MAR	294	SEP	3 130
APR	327	OCT	2 690
MAY	3 930	NOV	217
JUN	7 290	DEC	---

TOTAL DISCHARGE, 31 700 dam³

PADDLE RIVER NEAR ROCHFORT BRIDGE - STATION NO. 07EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3 87	0 002	0 007	0 167	0 006	0 005	1 58	---	---	1
2	---	---	0 B	3 22	0 001	0 006	0 158	0 005	0 005	1 06	---	---	2
3	---	---	0 B	1 63	0 007	0 004	0 188	0 006	0 012	0 782	---	---	3
4	---	---	0 B	1 37	0 013	0 004	0 088	0 004	0 020	0 725	---	---	4
5	---	---	0 B	1 16	0 006	0 004	0 180	0 002	0 026	0 883	---	---	5
6	---	---	0 0248	1 02	0 007	1 01	0 283	0 003	0 075	0 688	---	---	6
7	---	---	0 1098	1 01	1 86	2 96	0 108	0 005	0 207	0 606	---	---	7
8	---	---	0 5858	1 06	3 45	3 38	0 298	0 003	0 084	0 695	---	---	8
9	---	---	0 6408	1 38	3 23	11 0	0 318	0 002	0 081	0 755	---	---	9
10	---	---	0 6208	1 60	2 67	14 1	0 285	0 003	0 108	0 880	---	---	10
11	---	---	0 5008	1 36	2 30	8 61	0 205	0 002	0 856	0 877	---	---	11
12	---	---	0 3708	1 26	1 82	6 64	0 171	0 001	1 83	0 832	---	---	12
13	---	---	0 2908	1 22	0 611	5 17	0 136	0 001	1 50	0 890	---	---	13
14	---	---	0 2088	1 04	0 011	4 25	0 099	0 001	1 48	1 02	---	---	14
15	---	---	0 0788	0 937	0 007	3 66	0 087	0 003	1 40	0 884	---	---	15
16	---	---	0 0608	0 884	0 004	3 33	0 042	0 002	1 21	1 02	---	---	16
17	---	---	0 0408	0 988	0 038	3 12	0 010	0 001	0 728	1 12	---	---	17
18	---	---	0 0308	1 21	0 875	2 81	0 006	0 001	0 462	1 18	---	---	18
19	---	---	0 3008	1 19	3 71	2 72	0 004	0 001	0 410	1 27	---	---	19
20	---	---	0 6528	1 04	3 52	2 82	0 004	0 001	0 672	1 38	---	---	20
21	---	---	1 48 B	0 852	3 51	2 35	0 004	0 317	1 53	1 48	---	---	21
22	---	---	1 37 B	0 907	3 41	2 29	0 003	0 113	2 78	1 81	---	---	22
23	---	---	0 8678	0 880	3 26	2 06	0 002	0 105	3 13	1 82	---	---	23
24	---	---	0 7808	0 832	3 12	1 82	0 001	0 088	3 13	1 30	---	---	24
25	---	---	0 7008	0 405	2 95	1 75	0 001	0 001	2 96	1 80	---	---	25
26	---	---	0 6808	0 017	2 78	1 69	0 001	0 003	2 81	1 80 B	---	---	26
27	---	---	1 03 B	0 008	2 57	1 23	0 001	0 003	2 78	1 30 B	---	---	27
28	---	---	2 90 B	0 006	0 838	0 714	0 384	0 002	2 58	0 8008	---	---	28
29	---	---	3 30 B	0 006	0 018	0 300	0 488	0 001	2 35	0 6408	---	---	29
30	---	---	4 00 B	0 004	0 010	0 218	0 180	0	2 00	0 5208	---	---	30
31	---		3 61		0 007		0 101	0		0 6038		---	31
TOTAL	---	---	26 234	32 643	48 880	80 557	3 934	0 887	37 092	31 877	---	---	TOTAL
MEAN	---	---	0 814	1 09	1 51	3 02	0 127	0 032	1 24	1 03	---	---	MEAN
MAX	---	---	4 00	3 87	3 71	14 1	0 488	0 317	3 13	1 80	---	---	MAX
MIN	---	---	0	0 004	0 001	0 004	0 001	0	0 005	0 488	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 10
MAXIMUM DAILY, 14 1 ON JUN 10
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
17 9 AT 01 45 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 44 N
LONG 115 02 27 W
DRAINAGE AREA, 626 km²

B - ICE CONDITIONS

REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	340
FEB	---	AUG	69
MAR	2 180	SEP	3 200
APR	2 820	OCT	2 750
MAY	4 030	NOV	---
JUN	7 820	DEC	---

TOTAL DISCHARGE, 23 200 dam³

PADDLE RIVER NEAR SANGUDO - STATION NO. 07EB012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3 838	2 080	2 265	2 203	2 132	1 979	2 546	---	---	1
2	---	---	---	3 630	2 068	2 306	2 142	2 077	1 977	2 492	---	---	2
3	---	---	---	3 104	2 078	---	2 163	2 063	1 972	2 422	---	---	3
4	---	---	---	2 953	2 127	---	2 207	2 044	1 970	2 381	---	---	4
5	---	---	---	2 817	2 462	2.120A	2 136	2 033	1 976	2 349	---	---	5
6	---	---	---	2 884	2 627	2 188	2 174	2 033	1 987	2 341	---	---	6
7	---	---	---	2 848	2 575	2 865	2 221	2 030	2 008	2 276	---	---	7
8	---	---	2 810A	2 900	3 100	3 707	2 151	2 024	2 098	2 262	---	---	8
9	---	---	2 890	3 032	3 048	4 336	2 262	2 031	2 320	2 261	---	---	9
10	---	---	2 890	2 948	3 003	4 438	2 263	2 026	2 208	2 230	---	---	10
11	---	---	2 862	2 743	2 939	3 895	2 231	2 021	2 122	2 236	---	---	11
12	---	---	2 845	2 838	2 830	3 568	2 201	1 990	2 476	2 218	---	---	12
13	---	---	2 818	2 886	2 825	3 328	2 147	1 978	2 484	2 186	---	---	13
14	---	---	2 728	2 887	2 366	3 197	2 111	1 975	2 532	2 230	---	---	14
15	---	---	2 848	2 928	2 291	3 108	2 084	2 008	2 487	2 228	---	---	15
16	---	---	2 894	2 880	2 298	3 022	2 084	1 988	2 445	2.301	---	---	16
17	---	---	2 845	2 879	2 688	2 978	2 085	1 987	2 363	2 286	---	---	17
18	---	---	2 813	2 843	3 204	2 984	2 045	1 976	2 261	2 280	---	---	18
19	---	---	3 507	2 576	3 219	2 948	2 032	1 985	2 185	2 280	---	---	19
20	---	---	2 810	2 574	3 208	2 872	2 055	1 986	2 148	2 278	---	---	20
21	---	---	2 877	2 887	3 146	2 818	2 080	1 982	2 223	2 342	---	---	21
22	---	---	3 114	3 678	3 137	2 784	2 044	2 188	2 818	2 357	---	---	22
23	---	---	3 178	3 656	3 116	2 733	2 034	2.173	2 838	2 340	---	---	23
24	---	---	3 252	3 638	3 074	2 712	2 043	2.117	2 778	2 338	---	---	24
25	---	---	3 124	3 682	3 081	2 670	2 043	2.140	2 748	2 328	---	---	25
26	---	---	3 074	2 285	3 013	2.614	2 031	2 084	2 739	2.387	---	---	26
27	---	---	2 887	2 126	2 980	2 547	2 027	2 038	2 687	2 884	---	---	27
28	---	---	3 108	2 131	2 831	2 478	2 034	2 018	2 882	2 882	---	---	28
29	---	---	3 377	2 118	3 373	2 344	2 278	2 001	2 826	2 490A	---	---	29
30	---	---	3 710	2 107	2.384	2 248	2 221	1 986	2 883	---	---	---	30
31	---		3 813		2 262		2 155	1 988		---		---	31
MEAN	---	---	---	2 868	2.713	---	2 131	2 032	2 350	---	---	---	MEAN
MAX	---	---	---	3 838	3 219	---	2 278	2 188	2 826	---	---	---	MAX
MIN	---	---	---	2 107	2 068	---	2 027	1 982	1 970	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 4 438 ON JUN 10

MAXIMUM INSTANTANEOUS,
4 888 AT 02 30 MST ON JUN 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 26 N
LONG 114 53 35 W

A - MANUAL GAUGE

REGULATED SINCE 1984

DRAINAGE AREA,
1 170 km²

PAINTEARTH CREEK NEAR HALKIRK - STATION NO. 05FC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 081	0 001	0	0 003	0	0	0 400	---	---	1
2	---	---	0 B	0 028	0 001	0	0 002	0	0	0 393	---	---	2
3	---	---	0 B	0 018	0 001	0		0	0	0 384	---	---	3
4	---	---	0 B	0 015	0 001	0		0	0	0 348	---	---	4
5	---	---	0 B	0 010	0 001	0		0	0	0 329	---	---	5
6	---	---	0 B	0 006	0 001	0		0	0 001	0 311	---	---	6
7	---	---	0 B	0 010	0 001	0		0	0 002	0 302	---	---	7
8	---	---	0 B	0 012	0	0 002		0	0 004	0 278	---	---	8
9	---	---	0 B	0 011	0	0 004		0	0 004	0 263	---	---	9
10	---	---	0 B	0 009	0	0 002		0	0 051	0 237	---	---	10
11	---	---	0 B	0 011	0	0		0	0 072	0 207	---	---	11
12	---	---	0 B	0 009	0	0		0	0 328	0 182	---	---	12
13	---	---	0 B	0 007	0	0 004		0	0 385	0 178	---	---	13
14	---	---	0 B	0 005	0	0 004		0	0 393	0 163	---	---	14
15	---	---	0 B	0 004	0	0 004		0	0 388	0 148	---	---	15
16	---	---	B B	0 004	0 001	0 005		0	0 384	0 138	---	---	16
17	---	---	0 B	0 003	0 001	0 006		0	0 371	0 136	---	---	17
18	---	---	B B	0 004	0 001	0 006		0	0 388	0 137	---	---	18
19	---	---	0 B	0 012	0 001	0 023		0	0 385	0 128	---	---	19
20	---	---	0 0808	0 014	0 001	0 035		0	0 382	0 120	---	---	20
21	---	---	0 1438	0 011	0 001	0 035		0	1 09	0 113	---	---	21
22	---	---	0 3628	0 012	0	0 017		0	2 13	0 107	---	---	22
23	---	---	0 3208	0 008	0	0 037		0	2 16	0 092	---	---	23
24	---	---	0 3618	0 007	0	0 043		0	0 861	0 071	---	---	24
25	---	---	0 7638	0 007	0	0 048		0	0 727	0 062	---	---	25
26	---	---	0 7808	0 003	0	0 040		0	0 611	0 0628	---	---	26
27	---	---	0 7738	0 001	0	0 033		0	0 542	0 0588	---	---	27
28	---	---	0 6838	0 002	0	0 021		0	0 486	0 0468	---	---	28
29	---	---	0 4018	0 001	0	0 012		0	0 476	0 0338	---	---	29
30	---		0 2608	0 001	0	0 008		0	0 426	0 0198	---	---	30
31	---		0 1808		0			0		0 0108		---	31
TOTAL	---	---	4 976	0 328	0 013	0 375	0 005	0	14 036	5 407	---	---	TOTAL
MEAN	---	---	0 161	0 011	0	0 013	0	0	0 466	0 174	---	---	MEAN
MAX	---	---	0 783	0 081	0 001	0 048	0 003	0	3 13	0 400	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0 010	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 103
MAXIMUM DAILY, 3 13 ON SEP 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS
3 76 AT 21 27 MST ON SEP 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 33 00 N
LONG 112 06 00 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 43
FEB	---	AUG	0
MAR	430	SEP	1 210
APR	28 4	OCT	467
MAY	1 12	NOV	---
JUN	32 4	DEC	---

TOTAL DISCHARGE, 3 170 dam³

PARFLESH CREEK NEAR CHANCELLOR - STATION NO. 05BM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	0A	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 40 N
LONG 112 50 27 W
DRAINAGE AREA, 120 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PARLBY CREEK AT ALIX - STATION NO. 05CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0508	2.12 B	0.178	0.319	0.076	0.004	0	0.212	---	---	1
2	---	---	0.0608	1.84 B	0.200	0.328	0.124	0.003	0	0.196	---	---	2
3	---	---	0.0528	1.27 B	0.213	0.326	0.061	0.003	0	0.176	---	---	3
4	---	---	0.0528	0.860	0.226	0.325	0.070	0.002	0.001	0.173	---	---	4
5	---	---	0.0588	0.812	0.227	0.289	0.089	0.002	0.001	0.167	---	---	5
6	---	---	0.0598	0.689	0.218	0.316	0.063	0.001	0.004	0.149	---	---	6
7	---	---	0.0588	0.634	0.218	0.387	0.040	0.001	0.018	0.143	---	---	7
8	---	---	0.0568	0.798	0.221	0.467	0.024	0	0.026	0.154	---	---	8
9	---	---	0.0588	0.754	0.215	0.595	0.014	0	0.031	0.151	---	---	9
10	---	---	0.0608	0.704	0.189	0.695	0.007	0	0.044	0.148	---	---	10
11	---	---	0.0508	0.657	0.173	0.780	0.005	0	0.042	0.143	---	---	11
12	---	---	0.0408	0.589	0.143	0.800	0.006	0	0.042	0.146	---	---	12
13	---	---	0.0388	0.512	0.143	0.606	0.010	0	0.046	0.145	---	---	13
14	---	---	0.0358	0.463	0.171	0.761	0.006	0	0.049	0.142	---	---	14
15	---	---	0.4388	0.409	0.119	0.679	0.003	0	0.057	0.138	---	---	15
16	---	---	0.0408	0.366	0.124	0.583	0.063	0	0.060	0.137	---	---	16
17	---	---	0.0438	0.341	0.148	0.468	0.112	0	0.063	0.138	---	---	17
18	---	---	0.0458	0.318	0.233	0.371	0.116	0	0.065	0.140	---	---	18
19	---	---	0.0478	0.318	0.185	0.358	0.150	0	0.067	0.137	---	---	19
20	---	---	0.0508	0.322	0.183	0.373	0.220	0	0.075	0.128	---	---	20
21	---	---	0.0708	0.312	0.166	0.569	0.225	0	0.106	0.121	---	---	21
22	---	---	0.1608	0.321	0.147	0.221	0.260	0	0.119	0.121	---	---	22
23	---	---	0.2408	0.287	0.164	0.221	0.249	0	0.126	0.116	---	---	23
24	---	---	0.2858	0.262	0.161	0.324	0.245	0	0.206	0.114	---	---	24
25	---	---	0.3018	0.263	0.206	0.255	0.207	0	0.235	0.102	---	---	25
26	---	---	0.4128	0.237	0.218	0.153	0.110	0	0.265	0.0978	---	---	26
27	---	---	0.6048	0.211	0.215	0.093	0.101	0	0.235	0.0898	---	---	27
28	---	---	0.7928	0.196	0.232	0.106	0.069	0	0.245	0.0788	---	---	28
29	---	---	1.15 B	0.189	0.269	0.080	0.045	0	0.246	0.0708	---	---	29
30	---		1.55 B	0.178	0.277	0.057	0.030	0	0.230	0.0648	---	---	30
31	---		1.83 B		0.287		0.019	0		0.0408		---	31
TOTAL	---	---	8.466	17.775	6.056	12.138	2.765	0.016	2.705	4.063	---	---	TOTAL
MEAN	---	---	0.273	0.593	0.195	0.405	0.090	0.001	0.090	0.131	---	---	MEAN
MAX	---	---	1.83	2.12	0.287	0.806	0.260	0.004	0.265	0.212	---	---	MAX
MIN	---	---	0.035	0.178	0.119	0.057	0.003	0	0	0.040	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.120 ON APR 1
MINIMUM DAILY, 0 ON AUG 8

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 24 27 N
LONG 113 11 43 W

B - ICE CONDITIONS

NATUPAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	241
FEB	---	AUG	1 38
MAR	732	SEP	234
APR	1 940	OCT	361
MAY	523	NOV	---
JUN	1 050	DEC	---

PARLBY CREEK NEAR MIRROR - STATION NO 05CD902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.788	0.164	0.326	0	0	0	0.354	---	---	1
2	---	---	0 B	0.854	0.136	0.338	0	0	0	0.303	---	---	2
3	---	---	0 B	0.858	0.135	0.309	0	0	0	0.251	---	---	3
4	---	---	0 B	0.730	0.178	0.259	0	0	0	0.208	---	---	4
5	---	---	0 B	0.689	0.209	0.254	0	0	0	0.177	---	---	5
6	---	---	0 B	1.78	0.222	0.749	0	0	0	0.156	---	---	6
7	---	---	0 B	2.31	0.237	0.870	0	0	0	0.127	---	---	7
8	---	---	0 B	2.41	0.244	1.20	0	0	0	0.102	---	---	8
9	---	---	0 B	2.41	0.264	1.64	0.014	0	0	0.088	---	---	9
10	---	---	0 B	2.38	0.309	1.63	0.025	0	0	0.078	---	---	10
11	---	---	0 B	2.34	0.303	1.51	0.027	0	0	0.038	---	---	11
12	---	---	0 B	2.29	0.262	1.38	0.027	0	0	0.054	---	---	12
13	---	---	0 B	2.19	0.183	1.21	0	0	0	0.061	---	---	13
14	---	---	0 B	2.06	0.218	1.06	0	0	0	0.051	---	---	14
15	---	---	0 B	1.87	0.442	0.868	0	0	0	0.058	---	---	15
16	---	---	0 B	1.60	0.303	0.611	0	0	0	0.044	---	---	16
17	---	---	0 B	1.20	0.228	0.404	0.025	0	0	0.018	---	---	17
18	---	---	0 B	0.845	0.268	0.322	0.039	0	0	0.010	---	---	18
19	---	---	0 B	0.938	0.522	0.261	0.041	0	0	0	---	---	19
20	---	---	0 B	0.838	0.383	0.218	0.052	0	0	0.005	---	---	20
21	---	---	0 B	0.780	0.184	0.185	0.089	0	0.035	0.164	---	---	21
22	---	---	0.0018	0.682	0.085	0.094	0.118	0	0.143	0.275	---	---	22
23	---	---	0.0018	0.636	0.113	0.052	0.130	0	0.178	0.245	---	---	23
24	---	---	0.1948	0.546	0.126	0.013	0.081	0	0.201	0.238	---	---	24
25	---	---	0.1978	0.431	0.181	0	0.019	0	0.248	0.3558	---	---	25
26	---	---	0.3298	0.378	0.155	0	0.061	0	0.481	0.4708	---	---	26
27	---	---	0.4558	0.327	0.214	0	0.003	0	0.583	0.4518	---	---	27
28	---	---	0.780	0.280	0.238	0	0.001	0	0.551	0.4318	---	---	28
29	---	---	0.825	0.233	0.242	0	0	0	0.474	0.4118	---	---	29
30	---		0.749	0.181	0.234	0	0	0	0.388	0.3928	---	---	30
31	---		0.780		0.295		0	0		0.3728		---	31
TOTAL	---	---	4.102	36.105	7.170	15.800	0.782	0	3.271	5.887	---	---	TOTAL
MEAN	---	---	0.132	1.20	0.231	0.527	0.025	0	0.109	0.190	---	---	MEAN
MAX	---	---	0.780	2.41	0.522	1.64	0.130	0	0.583	0.470	---	---	MAX
MIN	---	---	0	0.181	0.085	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 2.41 ON APR 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.43 AT 13:40 MST ON APR 9

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 28 50 N
LONG 113 08 40 W

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85 8
FEB	---	AUG	0
MAR	354	SEP	283
APR	3 120	OCT	510
MAY	819	NOV	---
JUN	1 370	DEC	---

TOTAL DISCHARGE, 8 320 dam³

PEACE RIVER AT DUNVEGAN BRIDGE - STATION NO 07FD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1 500E	2 440A	1 420	1 700	1 380	1 230	---	---	1
2	---	---	---	---	1 600E	2 230	1 300	1 730	1 280A	1 550	---	---	2
3	---	---	---	---	1 620E	1 790	1 250	1 690	1 180A	1 420	---	---	3
4	---	---	---	---	1 710E	1 620	1 250	1 770	1 050E	1 210A	---	---	4
5	---	---	---	---	1 680E	1 880A	1 410	1 780	980E	1 190A	---	---	5
6	---	---	---	---	1 720E	2 280A	1 310	1 750	1 250A	1 230A	---	---	6
7	---	---	---	---	1 710E	2 680A	1 400	1 730	1 320	1 250A	---	---	7
8	---	---	---	---	1 720E	4 130A	1 600	1 720	1 440	1 240A	---	---	8
9	---	---	---	---	1 660E	4 880A	1 390	1 690	1 660	1 130A	---	---	9
10	---	---	---	---	1 730E	4 690	1 800	1 730	2 130	1 690	---	---	10
11	---	---	---	---	1 730E	3 810	2 020	1 710	2 170	2 210	---	---	11
12	---	---	---	---	1 740E	3 580	2 100	1 670	2 180	2 410	---	---	12
13	---	---	---	---	1 760E	3 380	2 070	1 610	1 970	2 900	---	---	13
14	---	---	---	---	1 820A	3 430	2 070	1 610	1 870	2 980	---	---	14
15	---	---	---	---	1 860A	3 540	1 890	1 630	1 800	3 000	---	---	15
16	---	---	---	---	1 820	3 220	1 580	1 650	1 880	2 830	---	---	16
17	---	---	---	---	2 180	2 510	1 500	1 630	1 890	2 200	---	---	17
18	---	---	---	---	2 880	1 880	1 900	1 380	1 920	2 220	---	---	18
19	---	---	---	---	3 800E	1 700	2 250	1 690	2 080	2 150	---	---	19
20	---	---	---	---	3 600E	1 720	2 200	1 390	2 130	2 130	---	---	20
21	---	---	---	---	3 000E	1 650	1 930	1 310	2 090	2 040	---	---	21
22	---	---	---	---	3 300E	1 810	1 820	1 600	1 990	2 040	---	---	22
23	---	---	---	---	3 550E	1 800	1 910	1 580	1 950	2 080	---	---	23
24	---	---	---	---	3 350A	1 580	1 900	1 580	1 880	1 990	---	---	24
25	---	---	---	1 300A	3 080	1 420	1 840	1 620	1 810	1 930	---	---	25
26	---	---	---	1 270A	2 880	1 570	1 870	1 540	1 870	1 880	---	---	26
27	---	---	---	1 380E	3 710	1 580	1 780	1 290	1 800	1 760	---	---	27
28	---	---	---	1 610A	2 580	1 480	1 800	1 380	1 580	1 850	---	---	28
29	---	---	---	1 670A	3 470	1 530	1 840	1 540	1 770	1 780A	---	---	29
30	---		---	1 500A	2 330	1 680	1 780	1 520	1 830	1 850E	---	---	30
31	---		---		2 180		1 870	1 490		1 520E		---	31
TOTAL	---	---	---	---	70 980	73 440	53 490	48 300	51 570	59 100	---	---	TOTAL
MEAN	---	---	---	---	2 280	2 450	1 730	1 580	1 720	1 910	---	---	MEAN
MAX	---	---	---	---	3 800	4 880	2 250	1 780	2 170	3 000	---	---	MAX
MIN	---	---	---	---	1 500	1 420	1 250	1 290	980	1 130	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 940
MAXIMUM DAILY, 4 880A ON JUN 9
MINIMUM DAILY, 980E ON SEP 5
MAXIMUM INSTANTANEOUS,
5 150 AT 17:30 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 118 38 19 W
DRAINAGE AREA, 130 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 820 000
FEB	---	AUG	4 170 000
MAR	---	SEP	4 460 000
APR	---	OCT	5 110 000
MAY	6 130 000	NOV	---
JUN	6 350 000	DEC	---

TOTAL DISCHARGE, 30 800 000 dam³

PEACE RIVER AT FORT VERMILION - STATION NO 07HF001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.525E	3 680	3 825E	5 272	4 683	4 336	3 748	4 223	---	---	1
2	---	---	3.472E	3 648	3 830A	5 177	4 703	4 339	3 685	4 248	---	---	2
3	---	---	3.427E	3 643	3 824	5 244	5 041	4 326	3 685	4 212	---	---	3
4	---	---	3.447E	3 684	3 829	5 361	5 114	4 279	3 845	4 089	---	---	4
5	---	---	3.485E	3 688	3 863	5 256	4 930	4 218	3 718	4 018	---	---	5
6	---	---	3.488A	3 708	3.908	5.001	4 720	4 207	3 585	3.888	---	---	6
7	---	---	3 471	3 784	3 838	4 771	4 590	4 228	3 605	3 910	---	---	7
8	---	---	3 414	3 895	3 870	4 804	4 591	4 338	3.222	3 922	---	---	8
9	---	---	3.375	4 073	4 000	5 078	4 858	4 390	3 241	3 969	---	---	9
10	---	---	3 383	4 211	4 005	5 041	4 876	4 366	3 488	4.000	---	---	10
11	---	---	3 375	4 301	3 967	7 181	4 977	4 310	3 743	3 875	---	---	11
12	---	---	3 381	4 406	3 968	7 580	4 862	4 253	4 183	3 874	---	---	12
13	---	---	3 402	4 474	3 962	7 376	4 888	4 212	4 528	4 082	---	---	13
14	---	---	3 378	4 518	4 078	7 031	5 045	4 183	4 898	4 809	---	---	14
15	---	---	3 367	4 565	4 195	6 788	5 113	4 053	4 782	5 014	---	---	15
16	---	---	3 386	5 351A	4 316	6 606	5 088	3 913	4 748	5 248	---	---	16
17	---	---	3 384	5 1170A	4 170	6 582	5 044	3 830	4 678	5 321	---	---	17
18	---	---	3 367	4 891	4 181	6 537	4 812	3 822	4 585	5 333	---	---	18
19	---	---	3 335	4 804	4 410	5 271	4 572	3 814	4 524	5 170	---	---	19
20	---	---	3 288	4 801	4 330	5 318	4 441	3 818	4 474	4 918	---	---	20
21	---	---	3 214	4 501A	4 300	5 325	4 558	3 807	4 483	4.788	---	---	21
22	---	---	3 178	4 5558	4 570	4 950	4 798	3 843	4 667	4 659	---	---	22
23	---	---	3 293	4 6108	4 532	4 723	4 644	3 828	4 639	4 606	---	---	23
24	---	---	3 478	4 7458	4 587	4 586	4 898	3 709	4 851	4 572	---	---	24
25	---	---	3 586	4 8058	4 699	4 446	4 535	3 728	4 638	4.542	---	---	25
26	---	---	3 655	4 720E	4 802	4.474	4 481	3 804	4 654	4 482A	---	---	26
27	---	---	3 726	4 170E	4 338	4 458	4 452	3 840	4 799	4.438E	---	---	27
28	---	---	3 780	3 780E	4 045	4 382	4 389	3 841	4 662	4.428E	---	---	28
29	---	---	3 807	3 795E	4 515	4.436	4 380	3 826	4 511	4 379A	---	---	29
30	---		3 791	3 838E	4 514	4 514	4 315	3 729	4 320	4 368E	---	---	30
31	---		3 738		4 441		4 308	3 638		4 305E		---	31
MEAN	---	---	3 482	4 318	4 041	5 534	4 720	4 025	4 257	4 440	---	---	MEAN
MAX	---	---	3 807	5 170	4 699	7 580	5 114	4 390	4 854	5 333	---	---	MAX
MIN	---	---	3 178	3 643	3 825	4 382	4 308	3 638	3 223	3 874	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 7 580 ON JUN 12

MAXIMUM INSTANTANEOUS,
7 800 AT 13:30 MST ON JUN 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 243 508 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 15 N
LONG 116 02 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

DRAINAGE AREA,
223 000 km²

PEACE RIVER AT PEACE POINT - STATION NO 07KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 560B	1 530B	1 180B	1 200B	1 680	4 190	2 240	2 280	2 000E	2 540E	1 940B	1 610B	1
2	1 570B	1 520B	1 180B	1 280B	1 690	3 960	2 280	2 260	1 970E	2 500E	1 990B	1 610B	2
3	1 570B	1 480B	1 150B	1 250B	1 710	3 710	2 310	2 260	2 020E	2 470E	1 910B	1 610B	3
4	1 560B	1 420B	1 120B	1 240B	1 730	3 640	2 500	2 280	2 150E	2 400	1 840B	1 600B	4
5	1 560B	1 380B	1 100B	1 220B	1 760	3 780	2 860	2 280	2 280E	2 340	1 780B	1 580B	5
6	1 590B	1 350B	1 070B	1 190B	1 770	4 000	3 050	2 250	2 250E	2 270	1 520B	1 570B	6
7	1 550B	1 340B	1 060B	1 150B	1 790	4 050	3 010	2 240	1 970E	2 210	1 300B	1 560B	7
8	1 520B	1 330B	1 070B	1 100B	1 820	3 840	2 860	2 230	1 740E	2 180	1 380B	1 550B	8
9	1 520B	1 340B	1 070B	1 110B	1 850	3 550	2 720	2 220	1 630E	2 110	1 410B	1 530B	9
10	1 520B	1 350B	1 070B	1 130B	1 870	3 350	2 680	2 320	1 580E	2 080	1 420B	1 500B	10
11	1 520B	1 350B	1 050B	1 160B	1 920	3 460	2 730	2 410	1 580E	2 090	1 420B	1 500B	11
12	1 520B	1 340B	1 030B	1 190B	1 940	4 350	2 920	2 440	1 590E	2 110	1 340B	1 520B	12
13	1 500B	1 340B	1 020B	1 220B	1 940	5 670	3 120	2 380	1 620E	2 110	1 240B	1 610B	13
14	1 490B	1 340B	1 020B	1 250B	1 910	6 420	3 170	2 330	1 750E	2 080	1 200B	1 530B	14
15	1 490B	1 330B	1 020B	1 280B	1 920	6 340	3 160	2 300	1 950E	2 110	1 190B	1 560B	15
16	1 430B	1 320B	1 030B	1 320B	1 950	5 880	3 230	2 240	2 260E	2 420	1 200B	1 570B	16
17	1 420B	1 310B	1 030B	1 370B	2 080	5 430	3 330	2 180	2 320E	2 880	1 210B	1 580B	17
18	1 420B	1 300B	1 040B	1 490B	2 180	5 140	3 320	2 070	2 370E	3 300	1 210B	1 600B	18
19	1 420B	1 280B	1 030B	1 810B	2 200	4 970	3 270	1 980	2 400E	3 530	1 220B	1 590B	19
20	1 390B	1 240B	1 040B	2 840B	2 240	4 830	3 080	1 920	2 450E	3 580	1 240B	1 570B	20
21	1 370B	1 210B	1 060B	2 360B	2 470	4 530	2 840	1 910	2 330E	3 430	1 270B	1 530B	21
22	1 360B	1 200B	1 050B	2 440B	3 580	4 080	2 630	1 910	2 300E	3 180	1 270B	1 510B	22
23	1 360B	1 200B	1 040B	2 390B	4 780	3 570	2 600	1 900	2 320E	2 990	1 290B	1 480B	23
24	1 360B	1 210B	1 020B	2 330B	5 370	3 100	2 730	1 900	2 340E	2 850	1 300B	1 470B	24
25	1 360B	1 210B	1 000B	2 350B	5 840	2 750	2 830	1 910	2 390E	2 730	1 320B	1 470B	25
26	1 390B	1 200B	1 010B	2 430B	5 810	2 510	2 780	1 870	2 420E	2 620	1 360B	1 470B	26
27	1 400B	1 190B	1 020B	2 240B	5 890	2 350	2 640	1 820	2 470E	2 510	1 420B	1 480B	27
28	1 440B	1 180B	1 050B	2 010B	5 730	2 280	2 520	1 900E	2 550E	2 470	1 500B	1 500B	28
29	1 480B	1 180B	1 080B	1 820B	5 350	2 250	2 430	1 980E	2 610E	2 270	1 580B	1 520B	29
30	1 520B		1 100B	1 700B	4 920	3 200	2 380	2 020E	2 590E	1 800B	1 600B	1 520B	30
31	1 530B		1 150B		4 530		2 330	2 100E		1 730B		1 510B	31
TOTAL	45 690	37 970	32 980	48 750	92 000	120 180	86 540	68 080	64 180	77 930	42 800	47 710	TOTAL
MEAN	1 470	1 310	1 060	1 630	2 970	4 010	2 790	2 130	2 140	2 510	1 430	1 540	MEAN
MAX	1 590	1 530	1 180	2 840	5 890	6 420	3 330	2 440	2 610	3 580	1 990	1 610	MAX
MIN	1 360	1 180	1 000	1 100	1 680	2 200	2 240	1 820	1 580	1 730	1 190	1 470	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 080
MAXIMUM DAILY, 6 420 ON JUN 14
MINIMUM DAILY, 1 000B ON MAR 25
MAXIMUM INSTANTANEOUS,
6 520 AT 18 07 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 112 26 35 W
DRAINAGE AREA, 293 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 950 000	JUL	7 480 000
FEB	3 280 000	AUG	5 710 000
MAR	2 850 000	SEP	5 550 000
APR	4 210 000	OCT	6 730 000
MAY	7 950 000	NOV	3 700 000
JUN	10 400 000	DEC	4 120 000

TOTAL DISCHARGE, 65 900 000 dam³

PEACE RIVER AT PEACE RIVER - STATION NO 07HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 840B	1 070B	8578	8398	1 690	3 070	2 570	2 300	1 710	1 890	1 640	1 910B	1
2	1 650B	1 340B	8638	8228	1 810	3 170	2 280	2 130	1 510	1 930	1 720	1 950B	2
3	1 710B	1 380B	7068	8348	1 840	2 780	2 140	2 170	1 330	2 010	1 730	2 000B	3
4	1 760B	1 270B	6788	1 190B	1 890	2 380	2 000	2 180	1 180	1 780	1 770	1 900B	4
5	1 620B	1 230B	6678	1 370B	1 930	2 320	2 110	2 210	987	1 850	1 690	2 000B	5
6	1 520B	1 310B	7108	1 460B	1 920	2 810	2 050	2 230	1 090	1 950	1 850	2 140B	6
7	1 340B	1 240B	7418	1 300B	1 980	3 100	2 200	2 140	1 530	1 890	1 770	2 150B	7
8	1 270B	1 210B	7808	1 590B	1 870	4 430	2 510	2 190	1 630	1 970	1 780	2 040A	8
9	1 250B	1 380B	7848	1 440B	1 860	5 470	2 230	2 150	2 070	1 790	1 800	2 080A	9
10	1 210B	1 330B	8918	1 280B	1 930	5 800	2 180	2 150	2 580	1 740	1 880	2 110A	10
11	1 150B	1 100B	7348	1 460B	1 950	5 920	2 630	2 120	2 720	2 690	1 780	2 170A	11
12	1 200B	9938	7278	1 780B	2 230	5 140	2 850	2 000	2 790	3 130	1 720	2 180A	12
13	1 160B	9548	7388	1 600B	2 170	4 890	2 790	1 750	2 750	3 370	1 800	2 210A	13
14	1 100B	9368	7088	1 600B	2 040	4 780	2 790	1 710	2 750	3 500	1 920	2 070A	14
15	9928	9728	7328	1 820	2 030	4 890	2 680	1 790	2 560	3 430	1 940	2 130A	15
16	1 030B	1 010B	6498	1 500	2 200	4 780	2 170	1 720	2 520	3 390	1 950	1 980A	16
17	1 200B	1 060B	6638	1 620	2 570	4 110	2 190	1 780	2 460	2 930	1 940	1 950A	17
18	1 160B	9958	7128	1 740	3 690	3 270	2 230	1 760	2 410	2 680	2 220	1 900	18
19	1 300B	9388	8428	1 890	5 350	2 770	2 760	1 780	2 590	2 650	2 060	1 910B	19
20	1 390B	9718	8798	2 050	5 120	2 540	2 850	1 810	2 820	2 530	1 780	1 850B	20
21	1 530B	1 070B	9748	1 970	4 570	2 500	2 610	1 580	2 840	2 530	1 880	1 800B	21
22	1 630B	1 030B	9748	1 760	4 620	2 310	2 320	1 720	2 860	2 440	1 880	1 840B	22
23	1 780B	9848	1 000B	1 820	4 800	2 350	2 380	1 780	2 860	2 420	1 880A	1 850B	23
24	1 590B	8908	1 010B	1 270	4 570	2 530	2 380	1 820	2 850	2 410	1 820A	1 810B	24
25	1 700B	8348	1 000B	1 400	4 060	2 240	2 320	1 810	2 670	2 370	1 850A	1 790B	25
26	1 600B	7748	9638	1 680	3 670	2 370	2 310	1 840	2 600	2 330	1 870A	1 780B	26
27	1 460B	7408	8308	1 810	3 480	2 540	2 220	1 870	2 170	2 210	1 830A	1 780B	27
28	1 250B	6818	7958	1 660	3 260	2 390	2 260	1 400	2 110	2 220	1 860A	1 730B	28
29	1 370B	7548	8138	1 730	3 120	2 400	2 280	1 680	2 180	2 120	1 900B	1 720B	29
30	1 280B		7938	1 790	2 990	2 780	2 340	1 800	2 310	2 030	1 950B	1 730B	30
31	1 010B		8428		2 890		2 280	1 780		1 810		1 800B	31
TOTAL	42 632	30 480	24 986	45 559	90 300	104 780	73 860	56 930	67 537	74 080	55 450	60 240	TOTAL
MEAN	1 380	1 050	805	1 520	2 910	3 490	2 380	1 900	2 250	2 390	1 850	1 940	MEAN
MAX	1 780	1 390	1 010	2 050	5 350	6 800	2 850	2 300	2 980	3 500	2 220	2 210	MAX
MIN	992	691	649	822	1 690	2 240	2 000	1 400	987	1 740	1 640	1 720	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 880
MAXIMUM DAILY, 6 800 ON JUN 10
MINIMUM DAILY, 649B ON MAR 16
MAXIMUM INSTANTANEOUS,
7 000 AT 00:00 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 41 N
LONG 117 18 46 W
DRAINAGE AREA, 186 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 700 000	JUL	6 380 000
FEB	2 630 000	AUG	5 090 000
MAR	2 150 000	SEP	5 040 000
APR	3 940 000	OCT	6 400 000
MAY	7 800 000	NOV	4 790 000
JUN	9 050 000	DEC	5 200 000

TOTAL DISCHARGE, 63 000 000 dam³

PEACE RIVER BELOW CHENAL DES QUATRE FOURCHES - STATION NO. 07KC005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.225	207.742	208.742	208.525	207.281	209.190	207.899	208.182	207.882	208.419	208.028	208.735	1
2	208.185	207.803	208.723	208.574	207.078	209.009	208.104	208.146	207.724	208.266	208.383	208.762	2
3	208.098	207.771	208.684	208.600	206.973	208.927	208.250	208.118	207.622	208.179	208.564	208.751	3
4	208.025	207.681	208.647	208.604	206.856	208.858	208.394	208.108	207.611	208.093	208.440	208.737	4
5	208.015	207.575	208.617	208.597	207.018	208.900	208.608	208.102	207.694	207.971	208.247	208.713	5
6	208.025	207.443	208.581	208.585	207.075	209.079	208.817	208.187	207.843	207.889	208.162	208.680	6
7	208.018	207.348	208.495	208.575	207.056	209.195	208.904	208.188	207.970	207.881	208.177	208.628	7
8	208.018	207.258	208.470	208.572	207.184	209.155	208.780	208.080	207.843	207.804	208.215	208.576	8
9	208.003	207.181	---	208.576	207.238	209.008	208.700	208.028	207.688	207.735	208.315	208.536	9
10	208.008	207.202	---	208.608	207.280	208.830	208.644	207.974	207.553	207.708	208.450	208.468	10
11	208.008	207.236	---	208.660	207.304	208.878	208.613	207.971	207.431	207.698	208.504	---	11
12	208.025	207.302	---	208.737	207.315	209.035	208.685	208.117	207.370	207.691	208.543	---	12
13	207.988	207.328	---	208.841	207.345	208.537	208.787	208.178	207.400	207.677	208.513	---	13
14	207.973	207.336	---	208.972	207.328	209.924	208.841	208.128	207.503	207.586	208.451	---	14
15	207.912	207.353	---	207.121	207.350	210.034	208.788	208.071	207.749	207.548	208.384	---	15
16	207.812	207.368	---	207.312	207.358	210.002	208.824	208.018	208.005	207.781	208.321	---	16
17	207.691	207.372	---	207.488	207.421	209.852	208.784	207.982	208.182	208.348	208.338	206.547	17
18	207.580	207.370	---	207.623	207.402	209.749	208.819	207.937	208.278	208.673	208.361	---	18
19	207.484	207.334	---	207.877	207.382	208.710	208.863	207.840	208.343	208.681	208.375	---	19
20	207.372	207.244	208.287	208.563	207.352	208.687	208.859	207.761	208.335	208.684	208.384	---	20
21	207.280	207.117	208.251	210.544	207.385	208.571	208.744	207.707	208.388	208.697	208.387	---	21
22	207.235	207.000	208.268	210.608	207.756	209.436	208.800	207.853	208.327	208.815	208.415	---	22
23	207.187	206.921	208.248	210.632	208.548	209.225	208.533	207.630	208.228	208.563	208.436	---	23
24	207.112	206.882	208.219	210.398	209.120	208.983	208.548	207.587	208.221	208.418	208.438	---	24
25	207.073	206.885	208.185	210.013	209.385	208.801	208.629	207.583	208.288	208.289	208.455	---	25
26	207.062	206.847	208.152	209.497	209.505	208.647	208.656	207.644	208.370	208.181	208.484	---	26
27	207.105	206.826	208.186	208.830	209.583	208.526	208.575	207.643	208.384	207.919	208.518	---	27
28	207.186	206.805	208.216	208.341	209.571	208.381	208.428	207.713	208.393	207.766	208.581	---	28
29	207.316	206.778	208.312	207.983	209.518	208.387	208.337	207.637	208.409	207.682	208.654	---	29
30	207.478		208.387	207.572	209.405	208.380	208.290	207.600	208.419	207.585	208.690	---	30
31	207.628		208.453		209.334		208.239	207.646		207.659		---	31
MEAN	207.680	207.252	---	207.781	207.885	209.182	208.598	207.906	207.973	208.052	208.406	---	MEAN
MAX	208.225	207.803	---	210.632	209.571	210.034	208.904	208.182	208.419	208.697	208.690	---	MAX
MIN	207.062	206.778	---	206.525	206.856	208.380	207.899	207.583	207.370	207.548	208.028	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 210.632 ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 54 00 N
LONG 111 35 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PEAVINE CREEK NEAR FALHER - STATION NO 07GH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.456B	0.004E	0.252	0.001	0.001	0.001	0.001	---	---	1
2	---	---	0.001B	0.420B	0.004E	0.257	0.001	0.001	0.001	0.002	---	---	2
3	---	---	0.001B	0.315	0.003E	0.208	0.002	0.001	0.001	0.002	---	---	3
4	---	---	0.001B	0.183	0.003E	0.156	0.001	0.001	0.001	0.002	---	---	4
5	---	---	0.001B	0.203B	0.010E	0.123	0.002	0.001A	0.001	0.002	---	---	5
6	---	---	0.001B	0.157B	0.008E	0.132	0.046	0.001E	0.001	0.002	---	---	6
7	---	---	0.001B	0.113B	0.007E	0.131	0.128	0.001E	0.001	0.002	---	---	7
8	---	---	0.001B	0.088B	0.005E	0.898	0.188	0.001E	0.001	0.001	---	---	8
9	---	---	0.002B	0.063B	0.015E	1.20	0.114	0.002E	0	0.001	---	---	9
10	---	---	0.003B	0.033B	0.012E	0.804	0.095	0.003E	0	0.001	---	---	10
11	---	---	0.001B	0.021B	0.010E	0.486	0.105	0.002E	0.001	0.001	---	---	11
12	---	---	0 B	0.018B	0.008E	0.310	0.083	0.001E	0.001	0.001	---	---	12
13	---	---	0 B	0.015B	0.007E	0.217	0.055	0.001E	0.001	0.001	---	---	13
14	---	---	0 B	0.017	0.005E	0.158	0.025	0.001E	0.001	0.001	---	---	14
15	---	---	0 B	0.027	0.010E	0.114	0.014	0 E	0.001	0.001	---	---	15
16	---	---	0 B	0.020	0.135E	0.084	0.008	0 E	0.001	0.001	---	---	16
17	---	---	0 B	0.018	0.128E	0.066	0.004	0 E	0.001	0.002	---	---	17
18	---	---	0.001B	0.015	0.121A	0.042	0.003	0 E	0.001	0.002	---	---	18
19	---	---	0.002B	0.013	0.122A	0.029	0.003	0.001E	0.001	0.001	---	---	19
20	---	---	0.003B	0.013	0.150E	0.014	0.002	0.004E	0.001	0.001	---	---	20
21	---	---	0.003B	0.011	1.50 E	0.011	0.002	0.003E	0.001	0.001	---	---	21
22	---	---	0.005D	0.009	4.72 A	0.008	0.002	0.003E	0.001	0.001	---	---	22
23	---	---	0.010B	0.005	3.57	0.004	0.002	0.002E	0.001	0.001	---	---	23
24	---	---	0.200B	0.008	2.07	0.003	0.001	0.002E	0.001	0.001	---	---	24
25	---	---	1.20 B	0.009	1.37	0.002	0.001	0.001E	0.001	0.001	---	---	25
26	---	---	1.03 B	0.007	0.975	0.002	0.001	0.001E	0.001	0.001B	---	---	26
27	---	---	0.640B	0.018	0.682	0.002	0.001	0.001A	0.001	0.001B	---	---	27
28	---	---	0.792B	0.013	0.512	0.002	0.001	0.001	0.001	0 B	---	---	28
29	---	---	0.674B	0.007	0.408	0.002	0.001	0.001	0.001	0 B	---	---	29
30	---		0.532B	0.008A	0.342	0.002	0.001	0	0.001	0 B	---	---	30
31	---		0.507B		0.286		0.001	0		0 B		---	31
TOTAL	---	---	5.911	2.286	17.182	5.718	0.903	0.038	0.028	0.035	---	---	TOTAL
MEAN	---	---	0.191	0.077	0.554	0.191	0.029	0.001	0.001	0.001	---	---	MEAN
MAX	---	---	1.20	0.456	4.72	1.20	0.198	0.004	0.001	0.002	---	---	MAX
MIN	---	---	0	0.005	0.003	0.002	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.131
MAXIMUM DAILY, 4.72A ON MAY 22
MINIMUM DAILY, 0B ON MAR 12
MAXIMUM INSTANTANEOUS,
5.00 AT 13:00 MST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 37 41 N
LONG 117 15 29 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	78.0
FEB	---	AUG	3.28
MAR	511	SEP	2.42
APR	198	OCT	3.02
MAY	1 480	NOV	---
JUN	494	DEC	---

TOTAL DISCHARGE, 2 770 dam³

PEIGAN CREEK NEAR PAKOWKI ROAD - STATION NO. 05AH041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	08	0 B	0.058	0.014	0	0	0	0	0	---	---	1
2	---	08	0 B	0.082	0.009	0	0	0	0	0	---	---	2
3	---	08	0 B	0.058	0.007	0	0	0	0	0	---	---	3
4	---	08	0 B	0.054	0.008	0	0	0	0	0	---	---	4
5	---	08	0 B	0.037	0.009	0	0	0	0	0	---	---	5
6	---	08	0 B	0.090	0.007	0	0	0	0	0	---	---	6
7	---	08	0 B	0.202	0.006	0	0	0	0	0	---	---	7
8	---	08	0 B	0.324	0.005	0	0	0	0	0	---	---	8
9	---	08	0 B	0.541	0.003	0	0	0	0	0	---	---	9
10	---	08	0 B	0.488	0.001	0	0	0	0	0	---	---	10
11	---	08	0 B	0.480	0	0	0	0	0	0	---	---	11
12	---	08	0 B	0.414	0	0	0	0	0	0	---	---	12
13	---	08	0 B	0.288	0	0	0	0	0	0	---	---	13
14	---	08	0 B	0.182	0	0	0	0	0	0	---	---	14
15	---	08	0 B	0.117	0.004	0	0	0	0	0	---	---	15
16	---	08	0 B	0.120	0.005	0	0	0	0	0	---	---	16
17	---	08	0 B	0.088	0.003	0	0	0	0	0	---	---	17
18	---	08	0 B	0.128	0.001	0	0	0	0	0	---	---	18
19	---	08	0 B	0.255	0	0	0	0	0	0	---	---	19
20	---	08	0 B	0.228	0	0	0	0	0	0	---	---	20
21	---	08	0 B	0.136	0	0	0	0	0	0	---	---	21
22	---	08	0 B	0.097	0	0	0	0	0	0	---	---	22
23	---	08	0 B	0.071	0	0	0	0	0	0	---	---	23
24	---	08	0 B	0.048	0	0	0	0	0	0	---	---	24
25	---	08	0 B	0.043	0	0	0	0	0	0	---	---	25
26	---	08	0 B	0.038	0	0	0	0	0	0	---	---	26
27	---	08	0 B	0.031	0	0	0	0	0	0	---	---	27
28	---	08	0.121	0.026	0	0	0	0	0	0	---	---	28
29	---	08	0.125	0.019	0	0	0	0	0	0	---	---	29
30	---		0.075	0.016	0	0	0	0	0	0	---	---	30
31	08		0.082		0		0	0		0A		---	31
TOTAL	---	0	0.383	4.720	0.082	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.012	0.157	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.125	0.541	0.014	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0.016	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.541 ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.723 AT 02:11 MST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 50 N
LONG 110 56 30 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	33.1	SEP	0
APR	402	OCT	0
MAY	7.08	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 442 dam³

PEKISKO CREEK NEAR LONGVIEW - STATION NO 05BL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0988	0.1658	0.335	0.642	0.492	0.035	0	0.014	---	---	1
2	---	---	0.0978	0.1708	0.352	0.588	0.467	0.020	0	0.014	---	---	2
3	---	---	0.0988	0.1788	0.341	0.535	0.427	0.019	0	0.018	---	---	3
4	---	---	0.0998	0.1858	0.357	0.510	0.378	0.018	0	0.013	---	---	4
5	---	---	0.1008	0.1938	0.377	0.582	0.324	0.014	0	0.005	---	---	5
6	---	---	0.1018	0.2048	0.425	0.518	0.250	0.010	0	0.002	---	---	6
7	---	---	0.1038	0.1898	0.454	0.580	0.223	0.004	0	0.001	---	---	7
8	---	---	0.1058	0.2008	0.458	0.566	0.205	0	0	0	---	---	8
9	---	---	0.1078	0.208	0.491	1.41	0.178	0	0	0	---	---	9
10	---	---	0.1088	0.199	0.518	1.70	0.140	0	0	0.005	---	---	10
11	---	---	0.1108	0.212	0.498	1.67	0.121	0	0	0.010	---	---	11
12	---	---	0.1128	0.197	0.478	1.52	0.135	0	0	0.013	---	---	12
13	---	---	0.1048	0.204	0.432	1.37	0.136	0	0	0.013	---	---	13
14	---	---	0.1008	0.212	0.448	1.24	0.122	0	0	0.012	---	---	14
15	---	---	0.0908	0.236	0.581	1.16	0.113	0	0	0.018	---	---	15
16	---	---	0.1008	0.328	1.70	1.12	0.085	0	0	0.023	---	---	16
17	---	---	0.1108	0.452	1.98	0.977	0.063	0	0	0.024	---	---	17
18	---	---	0.1288	0.454	1.54	0.859	0.018	0	0	0.0188	---	---	18
19	---	---	0.1408	0.510	1.33	0.810	0.014	0	0	0.0208	---	---	19
20	---	---	0.1508	0.620	1.23	0.855	0.009	0	0	0.0208	---	---	20
21	---	---	0.1788	0.553	1.04	0.853	0.015	0	0	0.0198	---	---	21
22	---	---	0.2158	0.544	0.944	1.40	0.086	0	0	0.0138	---	---	22
23	---	---	0.2558	0.508	0.880	1.38	0.083	0	0	0.0218	---	---	23
24	---	---	0.2708	0.448	0.840	1.23	0.058	0	0	0.0228	---	---	24
25	---	---	0.2208	0.448	0.826	1.10	0.008	0	0.001	0.0238	---	---	25
26	---	---	0.2008	0.428	0.788	0.852	0	0	0.018	0.0258	---	---	26
27	---	---	0.1908	0.384	0.771	0.778	0.010	0	0.029	0.0258	---	---	27
28	---	---	0.1808	0.381	0.633	0.853	0.015	0	0.032	0.0278	---	---	28
29	---	0.0848	0.1708	0.383	0.584	0.582	0.018	0	0.041	0.0278	---	---	29
30	---		0.1858	0.345	0.583	0.505	0.037	0	0.018	0.0308	---	---	30
31	---		0.1808		0.583		0.053	0		0.0348		---	31
TOTAL	---	---	4.358	9.727	22.822	28.076	4.172	0.118	0.139	0.514	---	---	TOTAL
MEAN	---	---	0.141	0.324	0.736	0.869	0.135	0.004	0.005	0.017	---	---	MEAN
MAX	---	---	0.270	0.620	1.98	1.70	0.492	0.035	0.041	0.034	---	---	MAX
MIN	---	---	0.090	0.185	0.335	0.505	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 1.98 ON MAY 17
MINIMUM DAILY, 0 ON JUL 26
MAXIMUM INSTANTANEOUS,
2.38 AT 16:37 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 26 N
LONG 114 12 20 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	380
FEB	---	AUG	10.2
MAR	377	SEP	12.0
APR	840	OCT	64.4
MAY	1 970	NOV	---
JUN	2 510	DEC	---

TOTAL DISCHARGE, 5 120 dam³

PEMBINA RIVER AT JARVIE - STATION NO. 07BC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.670	7.500	4.400	28.40	20.0	42.3	26.0	7.98	4.85	51.5	13.40	11.40	1
2	6.030	7.550	4.350	27.20	18.5	40.7	23.0	7.65	4.71	46.3	15.50	11.10	2
3	6.190	7.570	4.350	37.70	18.0	39.3	22.0	7.33	4.28	43.9	13.40	10.80	3
4	5.950	7.580	4.400	54.00	17.6	40.2	21.9	6.50	4.16	40.3	13.60	10.80	4
5	5.510	7.600	4.300	53.70	17.2	40.1	22.1	6.19	4.17	35.2	13.90	10.60	5
6	5.180	7.550	4.360	39.90	17.6	37.7	22.4	6.47	4.16	33.4	13.00	10.20	6
7	5.310	7.400	4.500	33.8	24.8	37.1	21.6	6.16	5.44	31.6	13.30	9.620	7
8	5.210	7.300	4.600	31.3	43.9	38.5	19.3	5.84	6.95	31.9	13.50	9.710	8
9	4.930	7.200	4.630	27.1	51.5	41.2	17.3	5.96	6.82	33.1	14.70	9.520	9
10	4.640	7.100	4.650	27.2	52.0	56.4	17.0	6.21	7.26	33.7	15.90	9.380	10
11	4.890	6.920	4.630	25.1	50.8	76.6	15.4	6.56	7.38	33.6	16.40	9.280	11
12	5.520	6.730	4.600	24.2	49.2	87.4	15.1	6.09	9.14	31.6	16.00	8.100	12
13	5.750	6.550	4.550	23.3	46.3	91.6	14.5	5.65	9.22	30.0	15.10	8.030	13
14	5.800	6.370	4.500	21.3	44.4	87.1	14.7	5.97	20.8	28.6	14.30	7.630	14
15	6.000	6.180	4.480	20.3	42.5	77.8	13.5	5.61	23.6	27.5	13.50	7.270	15
16	6.090	6.000	4.380	19.2	40.6	68.9	12.1	5.27	28.3	26.2	13.00	7.000	16
17	6.190	5.950	4.290	18.4	38.4	60.1	11.3	5.20	32.4	25.6	12.40	6.520	17
18	6.260	5.850	4.100	17.5	37.3	58.2	10.5	5.00	33.1	26.0	11.80	7.420	18
19	6.370	5.550	4.100	17.2	43.8	52.2	9.51	5.88	32.0	26.4	11.60	7.780	19
20	6.470	5.450	4.130	17.3	56.8	49.5	8.84	5.04	30.5	25.2	11.60	7.820	20
21	6.560	5.300	4.200	17.5	80.9	45.8	8.81	6.07	28.3	23.6	11.90	6.860	21
22	6.650	5.150	4.450	18.4	88.6	44.5	9.85	6.04	28.3	20.28	11.60	5.280	22
23	6.750	5.050	4.600	21.5	79.8	42.2	9.46	5.88	25.0	18.78	11.90	5.990	23
24	6.840	5.060	7.760	24.2	72.0	40.8	9.28	6.01	24.9	14.48	11.90	6.980	24
25	6.930	4.850	12.40	25.0	64.3	40.4	8.93	5.97	51.0	14.28	11.80	7.480	25
26	7.030	4.750	20.20	25.8	57.5	38.2	8.75	5.86	89.5	16.58	11.58	7.700	26
27	7.120	4.650	28.80	26.5	54.7	35.4	8.64	5.33	72.0	17.38	11.18	7.380	27
28	7.210	4.550	31.60	27.0	52.9	33.4	8.72	5.38	67.5	19.38	11.18	6.980	28
29	7.310	4.500	33.90	25.0	50.9	31.5	8.73	5.27	81.7	13.58	11.38	7.550	29
30	7.400		31.50	22.0	48.5	29.2	8.45	4.88	56.5	16.08	11.58	7.550	30
31	7.420		28.10		46.1		8.15	5.05		15.98		7.460	31
TOTAL	191.40	179.70	296.01	796.0	1 430.3	1 503.3	436.46	185.90	764.97	850.5	392.2	257.57	TOTAL
MEAN	6.17	6.20	9.55	26.5	46.1	50.1	14.1	6.00	25.5	27.4	13.1	8.31	MEAN
MAX	7.42	7.60	33.9	54.0	88.6	91.6	26.0	7.98	72.0	51.5	16.4	11.4	MAX
MIN	4.64	4.50	4.10	17.2	17.2	29.2	8.15	4.88	4.16	12.5	11.1	5.26	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 91.6 ON JUN 13
MINIMUM DAILY, 4.108 ON MAR 18
MAXIMUM INSTANTANEOUS,
92.7 AT 15:32 MST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 05 N
LONG 113 59 30 W
DRAINAGE AREA, 13 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 500	JUL	37 900
FEB	18 500	AUG	18 100
MAR	25 600	SEP	85 100
APR	68 800	OCT	73 500
MAY	124 000	NOV	33 900
JUN	130 000	DEC	22 300

TOTAL DISCHARGE, 630 000 dam³

PEMBINA RIVER BELOW PADDY CREEK - STATION NO. 07BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.940	4.220	9.62	17.9	11.2	3.47	2.81	21.5	---	---	1
2	---	---	1.990	4.310	9.30	16.8	10.2	3.38	2.80	21.0	---	---	2
3	---	---	2.030	4.170	11.1	17.0	9.27	3.86	2.72	21.5	---	---	3
4	---	---	2.030	4.110	17.0	13.8	8.67	3.28	2.64	22.9	---	---	4
5	---	---	2.010	4.000	24.1	13.3	8.10	3.36	2.63	24.7	---	---	5
6	---	---	2.010	4.000	25.6	15.7	7.91	3.49	3.15	25.9	---	---	6
7	---	---	2.060	4.100	24.8	21.8	7.53	4.16	7.01	24.5	---	---	7
8	---	---	2.110	4.250	23.7	31.5	7.11	4.57	17.6	22.3	---	---	8
9	---	---	2.160	4.400	22.4	45.9	8.65	4.11	20.9	20.7	---	---	9
10	---	---	2.220	4.61	22.5	50.0	8.25	3.81	18.2	19.6	---	---	10
11	---	---	2.290	4.78	22.1	42.8	8.81	3.68	19.6	18.1	---	---	11
12	---	---	2.320	4.88	20.6	35.9	8.46	3.91	22.4	16.4	---	---	12
13	---	---	2.340	5.53	18.9	30.7	8.09	4.20	23.6	15.1	---	---	13
14	---	---	2.360	6.49	17.6	29.2	8.10	4.07	23.1	14.1	---	---	14
15	---	---	2.380	7.46	17.2	27.3	8.05	3.92	21.6	13.2	---	---	15
16	---	---	2.340	9.40	21.2	25.4	5.78	3.63	19.0	12.4	---	---	16
17	---	---	2.320	11.2	41.9	24.8	5.21	3.38	16.4	11.8	---	---	17
18	---	---	2.330	13.6	61.7	24.0	4.78	3.40	14.4	9.820	---	---	18
19	---	---	2.320	16.9	57.0	23.4	4.65	3.35	13.2	8.550	---	---	19
20	---	---	2.430	18.2	48.0	24.3	4.78	3.30	13.0	9.990	---	---	20
21	---	---	2.530	19.1	40.7	24.7	5.36	3.17	23.6	11.30	---	---	21
22	---	---	2.660	20.4	34.6	22.3	5.39	3.09	40.3	12.00	---	---	22
23	---	---	2.810	20.4	29.9	20.6	5.25	2.97	45.6	11.10	---	---	23
24	---	---	3.010	17.8	27.8	19.6	4.99	2.85	43.6	9.680	---	---	24
25	---	---	3.090	15.1	27.1	18.7	4.80	3.18	38.2	9.480	---	---	25
26	---	---	3.150	13.0	24.8	15.3	4.20	3.14	34.6	8.910	---	---	26
27	---	1.720	3.250	12.0	23.2	13.4	3.84	3.26	30.2	8.490	---	---	27
28	---	1.660	3.370	11.0	22.0	12.4	3.70	3.12	25.5	8.210	---	---	28
29	---	1.890	3.660	10.5	20.4	11.6	3.48	3.03	24.0	8.660	---	---	29
30	---		3.910	10.3	18.5	12.1	3.36	3.01	22.5	8.600	---	---	30
31	---		4.050		18.1		3.52	2.90		8.700		---	31
TOTAL	---	---	79.86	290.51	803.22	701.7	185.31	106.11	587.07	441.80	---	---	TOTAL
MEAN	---	---	2.57	9.68	25.9	23.4	5.98	3.49	19.9	14.2	---	---	MEAN
MAX	---	---	4.05	20.4	61.7	50.0	11.2	4.57	45.6	25.9	---	---	MAX
MIN	---	---	1.94	4.00	9.30	11.9	3.36	2.90	2.63	4.31	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 61.7 ON MAY 16
MINIMUM DAILY, 1.940 ON MAR 1
MAXIMUM INSTANTANEOUS,
63.2 AT 08:20 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 47 N
LONG 115 18 30 W
DRAINAGE AREA, 2 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 000
FEB	---	AUG	9 340
MAR	8 880	SEP	51 600
APR	25 100	OCT	38 200
MAY	69 400	NOV	---
JUN	60 600	DEC	---

TOTAL DISCHARGE, 277 000 dam³

PEMBINA RIVER NEAR ENTWISTLE - STATION NO. 07BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.408	3.208	2.008	10.98	12.6	25.0	15.5	3.27	2.88	30.5	11.3 B	4.318	1
2	2.808	3.358	2.008	11.88	12.3	24.3	14.6	3.23	2.86	28.9	11.2 B	4.498	2
3	3.558	3.408	2.008	12.88	13.8	22.6	13.4	3.35	2.82	28.0	11.1 B	4.538	3
4	2.458	3.408	2.038	14.08	22.1	21.5	12.3	3.32	2.56	27.8	11.0 B	4.778	4
5	2.358	3.408	3.118	14.88	37.2	19.8	11.2	3.41	2.56	28.0	11.0 B	4.778	5
6	2.258	3.408	2.198	13.78	45.0	18.5	11.0	3.70	2.98	29.0	11.0 B	4.638	6
7	2.158	3.408	2.208	11.48	44.6	21.0	11.1	3.42	4.81	29.5	11.0 B	4.338	7
8	2.118	3.408	2.188	11.98	40.9	30.4	10.3	3.37	5.93	29.0	11.0 B	4.298	8
9	2.118	3.408	2.108	12.48	37.8	41.3	9.40	3.38	10.8	25.9	11.0 B	4.068	9
10	2.058	2.708	1.908	13.0	34.9	53.8	8.81	4.26	21.5	22.9	11.0 B	4.248	10
11	2.008	2.258	1.908	13.2	32.9	55.6	8.18	4.58	20.2	21.7	11.0 B	4.188	11
12	2.008	2.008	1.908	12.7	31.8	47.9	7.58	4.22	21.7	20.2	10.9 B	4.558	12
13	2.008	2.008	1.908	11.5	29.4	41.8	7.62	4.21	28.2	19.0	10.7 B	4.848	13
14	2.008	2.008	1.908	11.0	27.4	36.1	8.83	3.92	26.1	17.6	10.6 B	5.148	14
15	2.008	2.008	1.908	11.3	25.5	33.9	8.97	4.13	27.1	16.8	10.3 B	5.148	15
16	2.008	2.008	1.908	11.8	26.3	32.2	7.11	4.14	25.5	16.0	9.558	4.858	16
17	2.008	2.008	1.908	11.5	33.9	29.8	7.03	4.00	23.1	16.3	8.808	4.658	17
18	2.008	2.158	1.908	13.0	58.0	28.3	8.67	3.78	20.7	15.08	7.778	4.598	18
19	2.008	2.308	2.088	14.8	78.8	27.2	8.13	3.56	19.6	15.48	8.978	4.478	19
20	2.008	2.508	2.258	17.9	69.1	26.3	8.82	3.26	18.1	15.18	8.328	4.598	20
21	2.008	2.608	2.508	19.2	57.8	26.5	8.95	3.38	21.6	14.88	8.668	4.648	21
22	2.008	2.408	3.008	19.4	48.0	26.9	8.62	3.28	40.6	14.68	8.278	4.608	22
23	2.208	2.258	5.508	20.8	41.4	25.1	8.92	3.23	61.8	14.48	8.048	4.558	23
24	2.408	2.208	8.858	21.0	37.8	23.2	8.91	3.23	84.8	14.28	8.028	4.458	24
25	2.008	2.128	7.058	18.8	35.6	22.7	8.82	3.24	98.3	14.08	8.658	4.438	25
26	2.008	2.108	7.378	17.4	34.6	21.7	8.37	3.26	91.7	13.78	8.728	4.388	26
27	2.008	2.068	7.508	15.8	32.3	18.1	8.85	2.89	68.4	13.08	8.478	4.308	27
28	2.008	2.008	7.808	14.8	28.7	17.2	8.73	2.94	48.1	12.08	8.558	4.248	28
29	2.008	2.008	8.028	14.0	27.9	15.8	8.30	2.80	35.8	11.68	8.308	4.198	29
30	2.778		8.008	13.1	26.6	16.1	3.79	2.83	32.5	11.58	8.268	4.118	30
31	3.088		10.0 B		25.8		3.56	2.77		11.48		4.018	31
TOTAL	67.44	73.88	114.63	430.2	1 111.9	851.9	243.29	108.42	742.80	597.9	251.35	139.29	TOTAL
MEAN	2.18	2.55	3.70	14.3	35.9	28.4	7.85	3.50	24.8	19.3	8.38	4.49	MEAN
MAX	3.05	3.40	10.0	21.0	78.8	55.6	15.5	4.58	84.8	30.5	11.3	5.14	MAX
MIN	2.00	2.00	1.90	10.9	12.3	15.8	3.56	2.77	2.56	11.4	4.26	4.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 78.8 ON MAY 19
MINIMUM DAILY, 1.908 ON MAR 10
MAXIMUM INSTANTANEOUS,
80.9 AT 07 40 MST ON MAY 19

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 115 00 14 W
DRAINAGE AREA, 4 420 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 830	JUL	21 000
FEB	6 380	AUG	9 370
MAR	9 900	SEP	64 200
APR	37 200	OCT	51 700
MAY	96 100	NOV	21 700
JUN	73 600	DEC	12 000

TOTAL DISCHARGE, 409 000 dam³

PICHE RIVER NEAR IMPERIAL MILLS - STATION NO 07CA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.3728	0.9278	1.34	3.02	1.28E	1.18 E	0.788	2.00	1.358	---	1
2	---	---	0.3658	0.9448	1.40	3.68	1.22E	1.18 A	0.818	2.02	1.248	---	2
3	---	---	0.3598	0.8408	1.26	3.81	1.18E	1.15	0.845	1.89	1.188	---	3
4	---	---	0.3588	0.8858	1.18	4.32	1.13E	1.15	0.843	1.96	1.088	---	4
5	---	---	0.3558	0.9838	1.14	4.90	1.04E	1.17	0.844	1.85	1.078	---	5
6	---	---	0.3528	0.9898	1.13	5.30	1.10E	1.16	0.886	1.92	1.038	---	6
7	---	---	0.3508	1.108	1.12	5.44	1.25E	1.18	1.20	1.81	---	---	7
8	---	---	0.3478	1.138	1.11	5.11	1.50E	1.32	1.54	1.92	---	---	8
9	---	---	0.3458	1.188	1.11	4.64	2.00E	1.20	1.78	1.95	---	---	9
10	---	---	0.3438	1.228	1.11	4.25	3.60E	1.11	1.89	2.10	---	---	10
11	---	---	0.3428	1.188	1.11	4.15A	3.95E	1.07	1.94	2.08	---	---	11
12	---	---	0.3428	1.278	1.12	3.50E	3.80E	1.05	1.82	2.11	---	---	12
13	---	---	0.3428	1.268	1.12	3.20E	3.60E	1.02	1.88	2.13	---	---	13
14	---	---	0.3428	1.238	1.11	3.00E	3.25E	1.02	1.87	2.11	---	---	14
15	---	---	0.3428	1.308	1.12	2.82E	3.00E	1.03	1.88	2.10	---	---	15
16	---	---	0.3428	1.28	1.12	2.62E	2.85E	1.00	1.91	2.12	---	---	16
17	---	---	0.3428	1.18	1.13	2.48E	2.65E	0.983	1.93	2.26	---	---	17
18	---	---	0.3458	1.18	1.12	2.37E	2.52E	0.948	1.89	2.59	---	---	18
19	---	---	0.3558	1.28	1.12	2.25E	2.40E	0.898	1.85	2.84	---	---	19
20	---	---	0.3708	1.26	1.15	2.18E	2.28E	0.882	1.79	3.04	---	---	20
21	---	---	0.4058	1.27	1.28	2.15E	2.14E	0.889	1.81	3.05	---	---	21
22	---	---	0.4258	1.31	1.33	2.12E	1.88E	0.872	1.86	2.978	---	---	22
23	---	---	0.4308	1.30	1.21	2.05E	1.87E	0.858	1.87	2.628	---	---	23
24	---	---	0.4508	1.31	1.29	1.90E	1.75E	0.840	1.82	2.378	---	---	24
25	---	---	0.5108	1.34	1.39	1.77E	1.62E	0.824	1.88	2.208	---	---	25
26	---	---	0.5608	1.30	1.56	1.67E	1.52E	0.813	1.78	2.038	---	---	26
27	---	---	0.6808	1.23	1.47	1.58E	1.43E	0.811	1.86	1.878	---	---	27
28	---	---	0.8518	1.21	1.32	1.50E	1.33E	0.805	1.91	1.778	---	---	28
29	---	---	0.8798	1.22	1.33	1.39E	1.28E	0.806	1.95	1.688	---	---	29
30	---	---	0.9068	1.20	1.42	1.29E	1.23E	0.788	1.97	1.558	---	---	30
31	---		0.9188		1.88		1.21E	0.759		1.458		---	31
TOTAL	---	---	14.018	35.448	38.57	80.58	63.02	30.767	49.078	66.80	---	---	TOTAL
MEAN	---	---	0.452	1.18	1.24	3.02	2.03	0.992	1.64	2.15	---	---	MEAN
MAX	---	---	0.918	1.34	1.88	5.44	3.95	1.32	1.97	3.05	---	---	MAX
MIN	---	---	0.342	0.827	1.11	1.29	1.04	0.759	0.788	1.45	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.44 ON JUN 7

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 00 35 N
LONG 111 42 40 W
DRAINAGE AREA, 843 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 440
FEB	---	AUG	2 650
MAR	1 210	SEP	4 240
APR	3 060	OCT	5 770
MAY	3 330	NOV	---
JUN	7 820	DEC	---

PIGEON LAKE AT GRANDVIEW - STATION NO. 05FA013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	849.880	849.868	849.758	---	---	---	1
2	---	---	---	---	---	---	849.878	849.872	849.768	---	---	---	2
3	---	---	---	849.938	---	849.958	849.888	849.872	849.758	849.887	---	---	3
4	---	---	---	---	---	849.965	849.884	849.872	849.780	849.885	---	---	4
5	---	---	---	---	---	---	---	849.874	849.780	849.879	849.925	---	5
6	---	---	---	---	849.930	849.976	849.957	849.877	---	849.875	---	---	6
7	---	---	---	---	849.936	849.984	---	849.871	849.884	849.865	---	---	7
8	---	---	---	---	---	---	849.947	849.861	849.860	849.869	---	---	8
9	---	---	---	---	849.934	849.993	849.939	849.851	849.848	849.867	---	---	9
10	---	---	---	---	849.932	849.997	849.936	849.851	849.858	849.885	---	---	10
11	---	---	---	---	849.926	850.013	849.936	---	---	---	---	---	11
12	---	---	---	---	849.932	---	849.936	849.850	---	849.887	---	---	12
13	---	---	---	---	---	850.022	849.934	849.850	849.848	849.889	---	---	13
14	---	---	---	---	849.934	850.013	849.934	849.850	849.838	849.889	---	---	14
15	---	---	---	---	---	850.013	---	849.840	849.837	---	---	---	15
16	---	---	---	849.934	849.946	850.015	849.925	849.828	849.837	---	---	---	16
17	---	---	---	---	---	850.013	849.925	849.819	849.838	---	---	---	17
18	---	---	---	---	849.942	850.007	---	849.819	849.835	---	---	---	18
19	---	---	---	---	849.946	---	849.918	849.828	---	---	---	---	19
20	---	---	---	---	849.946	---	849.915	---	---	---	---	---	20
21	---	---	---	---	---	850.000	849.904	849.829	849.875	---	---	---	21
22	---	---	---	---	849.941	850.000	849.894	849.826	---	---	---	---	22
23	---	---	---	---	849.957	---	849.884	849.818	849.885	---	---	---	23
24	---	---	---	---	849.957	849.989	849.884	849.818	849.885	849.885	---	---	24
25	---	---	---	---	849.958	---	---	849.814	849.885	849.881	---	---	25
26	---	---	849.936	---	849.958	849.995	849.873	849.808	---	---	---	---	26
27	---	849.892	---	---	849.959	849.991	849.873	849.797	849.883	---	---	---	27
28	---	---	---	---	849.959	849.991	849.873	849.797	849.879	---	---	---	28
29	---	---	---	---	849.950	849.987	849.873	---	849.879	---	---	---	29
30	---		---	---	849.950	---	849.880	849.787	---	---	---	---	30
31	---		---		849.971		849.874	849.787		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 15 N
LONG 114 03 10 W

NATURAL FLOW

DRAINAGE AREA, 284 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

PIGEON LAKE CREEK NEAR USONA - STATION NO. 05FA019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3478	0.037	0.958	0.005	0	0	0.091	0.0508	---	1
2	---	---	0 B	0.3828	0.020	0.836	0.005	0	0	0.105	0.0458	---	2
3	---	---	0 B	0.277	0.049	0.147	0.004	0	0	0.117	0.0458	---	3
4	---	---	0 B	0.263	0.084	0.095	0.005	0	0	0.112	0.0408	---	4
5	---	---	0 B	0.301	0.120	0.088	0.006	0	0	0.132	0.0408	---	5
6	---	---	0 B	0.322	0.100	0.284	0.142	0	0.004	0.115	---	---	6
7	---	---	0 B	0.295	0.085	0.350	0.041	0	0.094	0.082	---	---	7
8	---	---	0 B	0.269	0.085	0.521	0.008	0	0.062	0.147	---	---	8
9	---	---	0 B	0.236	0.095	0.783	0.019	0	0.052	0.145	---	---	9
10	---	---	0 B	0.206	0.100	0.954	0.017	0	0.106	0.184	---	---	10
11	---	---	0 B	0.205	0.100	0.541	0.010	0	0.109	0.155	---	---	11
12	---	---	0 B	0.178	0.080	0.416	0.009	0	0.080	0.155	---	---	12
13	---	---	0 B	0.156	0.050	0.587	0.038	0	0.050	0.152	---	---	13
14	---	---	0 B	0.111	0.055	0.400	0.053	0	0.040	0.157	---	---	14
15	---	---	0 B	0.088	0.055	0.180	0.048	0	0.030	0.178	---	---	15
16	---	---	0 B	0.073	0.070	0.140	0.033	0	0.028	0.188	---	---	16
17	---	---	0 B	0.059	0.080	0.120	0.017	0	0.030	0.134	---	---	17
18	---	---	0 B	0.047	0.090	0.100	0.010	0	0.033	0.100	---	---	18
19	---	---	0 B	0.027	0.100	0.085	0.009	0	0.038	0.088	---	---	19
20	---	---	0 B	0.017	0.120	0.085	0.009	0	0.050	0.106	---	---	20
21	---	---	0.0208	0.011	0.140	0.040	0.010	0	0.070	0.095	---	---	21
22	---	---	0.0508	0.018	0.185	0.030	0.010	0	0.087	0.0858	---	---	22
23	---	---	0.1858	0.020	0.180	0.020	0.009	0	0.100	0.0808	---	---	23
24	---	---	0.7828	0.017	0.183	0.015	0.008	0	0.085	0.0788	---	---	24
25	---	---	1.06 B	0.027	0.210	0.014	0.007	0	0.201	0.0758	---	---	25
26	---	---	0.7118	0.041	0.200	0.013	0.005	0	0.085	0.0708	---	---	26
27	---	---	0.5728	0.040	0.190	0.012	0.004	0	0.085	0.0658	---	---	27
28	---	---	0.5288	0.044	0.180	0.011	0.003	0	0.078	0.0608	---	---	28
29	---	---	0.4768	0.058	0.174	0.010	0.002	0	0.053	0.0608	---	---	29
30	---		0.5388	0.053	0.272	0.008	0.001	0	0.083	0.0558	---	---	30
31	---		0.5028		0.588		0	0		0.0508		---	31
TOTAL	---	---	5.404	4.197	4.081	7.851	0.546	0	1.771	3.405	---	---	TOTAL
MEAN	---	---	0.174	0.140	0.132	0.255	0.018	0	0.059	0.110	---	---	MEAN
MAX	---	---	1.06	0.382	0.588	0.958	0.142	0	0.201	0.184	---	---	MAX
MIN	---	---	0	0.011	0.020	0.008	0	0	0	0.050	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 1.06B ON MAR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.71 AT 19:10 MST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 52 10 N
LONG 113 53 47 W
DRAINAGE AREA, 377 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	47.2
FEB	---	AUG	0
MAR	467	SEP	153
APR	363	OCT	294
MAY	353	NOV	---
JUN	681	DEC	---

TOTAL DISCHARGE, 2 340 dam³

PINCHER CREEK AT PINCHER CREEK - STATION NO 05AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0528	0.104	0.383	1.70	0.788	0.190	0.048	0.348	0.1048	---	1
2	---	---	0.1398	0.088	0.358	1.38	0.675	0.174	0.082	0.420	---	---	2
3	---	---	0.1028	0.068	0.370	1.13	0.588	0.218	0.084	0.592	---	---	3
4	---	---	0.0788	0.137	0.378	1.03	0.518	0.158	0.058	0.817	---	---	4
5	---	---	0.0688	0.181	0.407	0.984	0.472	0.132	0.048	0.871	---	---	5
6	---	---	0.0638	0.293	0.428	0.918	0.417	0.155	0.045	0.783	---	---	6
7	---	---	0.0628	0.288	0.438	0.905	0.372	0.118	0.058	0.741	---	---	7
8	---	---	0.0588	0.228	0.422	1.01	0.350	0.088	0.063	0.726	---	---	8
9	---	---	0.0585	0.184	0.474	1.03	0.348	0.088	0.078	0.707	---	---	9
10	---	---	0.1938	0.196	0.553	1.03	0.289	0.058	0.113	0.671	---	---	10
11	---	---	0.1448	0.168	0.544	1.15	0.235	0.051	0.124	0.657	---	---	11
12	---	---	0.0788	0.148	0.530	1.08	0.194	0.053	0.158	0.653	---	---	12
13	---	---	0.0708	0.142	0.528	1.01	0.176	0.058	0.158	0.731	---	---	13
14	---	---	0.0658	0.147	0.628	1.20	0.177	0.080	0.160	0.705	---	---	14
15	---	---	0.0668	0.180	1.82	1.42	0.168	0.055	0.185	0.728	---	---	15
16	---	---	0.0688	0.232	2.84	1.54	0.195	0.048	0.122	0.730	---	---	16
17	---	---	0.0928	0.345	2.03	1.42	0.174	0.051	0.107	0.704	---	---	17
18	---	---	0.0938	0.870	1.57	1.25	0.148	0.041	0.084	0.675	---	---	18
19	---	---	0.1558	0.734	1.41	1.08	0.141	0.038	0.071	0.686	---	---	19
20	---	---	0.2078	0.865	1.55	0.991	0.135	0.047	0.114	0.804	---	---	20
21	---	---	0.2348	0.723	1.41	1.25	0.133	0.038	0.242	0.576	---	---	21
22	---	---	0.2578	0.718	1.22	1.61	0.134	0.032	0.243	0.641	---	---	22
23	---	---	0.2928	0.700	1.10	1.72	0.148	0.033	0.305	0.560	---	---	23
24	---	---	0.2968	0.626	1.07	1.56	0.184	0.026	0.274	0.609	---	---	24
25	---	---	0.2208	0.587	1.01	1.38	0.154	0.031	0.299	0.563	---	---	25
26	---	---	0.1828	0.525	0.954A	1.26	0.150	0.032	0.319	0.4708	---	---	26
27	---	---	0.208	0.470	0.876A	1.12	0.150	0.028	0.302	0.4008	---	---	27
28	---	0.0458	0.170	0.429	0.875	1.01	0.082	0.015	0.290	0.3008	---	---	28
29	---	0.0818	0.145	0.383	0.807	0.904	0.157	0.025	0.302	0.2208	---	---	28
30	---		0.177	0.378	1.37	0.834	0.288	0.029	0.314	0.1508	---	---	30
31	---		0.136		2.17		0.235	0.047		0.1258		---	31
TOTAL	---	---	4.395	10.880	30.503	35.887	7.128	2.188	4.777	16.191	---	---	TOTAL
MEAN	---	---	0.140	0.365	0.984	1.20	0.230	0.071	0.159	0.587	---	---	MEAN
MAX	---	---	0.296	0.865	2.84	1.72	0.788	0.218	0.319	0.871	---	---	MAX
MIN	---	---	0.052	0.088	0.358	0.834	0.033	0.015	0.048	0.136	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.665
MAXIMUM DAILY, 2.84 ON MAY 15
MINIMUM DAILY, 0.015 ON AUG 28
MAXIMUM INSTANTANEOUS,
3.40 AT 06:05 MST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 113 56 49 W
DRAINAGE AREA, 169 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	616
FEB	---	AUG	190
MAR	378	SEP	413
APR	940	OCT	1 570
MAY	2 640	NOV	---
JUN	3 100	DEC	---

TOTAL DISCHARGE, 9 850 dam³

PINE CREEK NEAR GRASSLAND - STATION NO 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0358	1.81 B	0.185	2.56	0.358	0.068	0.047	0.184	0.0888	---	1
2	---	---	0.0358	1.55 B	0.158	3.12	0.281	0.039	0.048	0.180	0.0858	---	2
3	---	---	0.0358	1.54 B	0.135	3.34	0.198	0.020	0.039	0.149	0.0828	---	3
4	---	---	0.0358	1.49 B	0.138	2.71	0.078	0.013	0.038	0.144	0.0598	---	4
5	---	---	0.0358	1.29 B	0.228	2.38	0.017	0.007	0.033	0.149	0.0588	---	5
6	---	---	0.0358	1.16 B	0.222	2.19	0.068	0.013	0.035	0.143	0.0538	---	6
7	---	---	0.0378	0.8438	0.238	3.14	0.220	0.013	0.080	0.157	0.0508	---	7
8	---	---	0.0388	1.51 B	0.223	3.90	0.384	0.014	0.152	0.129	---	---	8
9	---	---	0.0328	1.34 B	0.260	4.23	0.840	0.013	0.268	0.133	---	---	9
10	---	---	0.0308	1.13 B	0.618	4.07	0.608	0.012	0.272	0.144	---	---	10
11	---	---	0.0278	0.884	0.765	3.58	0.555	0.011	0.255	0.177	---	---	11
12	---	---	0.0258	0.758	0.771	2.76	0.465	0.006	0.230	0.198	---	---	12
13	---	---	0.0278	0.610	0.829	2.42	0.466	0.021	0.185	0.215	---	---	13
14	---	---	0.0288	0.498	0.848	2.12	0.406	0.034	0.182	0.248	---	---	14
15	---	---	0.0288	0.458	0.844	1.88	0.378	0.032	0.158	0.221	---	---	15
16	---	---	0.0258	0.388	0.488	1.37	0.385	0.035	0.174	0.214	---	---	16
17	---	---	0.0238	0.331	0.524	1.14	0.352	0.038	0.231	0.227	---	---	17
18	---	---	0.0228	0.383	0.628	1.21	0.275	0.045	0.180	0.203	---	---	18
19	---	---	0.0218	0.433	0.672	1.14	0.251	0.044	0.188	0.215	---	---	19
20	---	---	0.0208	0.463	0.724	0.984	0.237	0.044	0.198	0.254	---	---	20
21	---	---	0.0208	0.448	0.810	0.885	0.224	0.044	0.212	0.211	---	---	21
22	---	---	0.0508	0.377	0.908	0.872	0.203	0.042	0.222	0.218	---	---	22
23	---	---	1.48 B	0.384	0.924	0.814	0.251	0.043	0.195	0.224	---	---	23
24	---	---	3.01 B	0.340	1.05	0.448	0.286	0.042	0.172	0.176	---	---	24
25	---	---	3.42 B	0.283	1.22	0.397	0.230	0.048	0.222	0.1598	---	---	25
26	---	---	3.65 B	0.441	1.43	0.377	0.159	0.050	0.202	0.2218	---	---	26
27	---	---	3.37 B	0.516	1.47	0.334	0.100	0.049	0.190	0.2588	---	---	27
28	---	---	2.93 B	0.288	1.52	0.312	0.086	0.048	0.185	0.2338	---	---	28
29	---	---	2.48 B	0.185	1.46	0.224	0.078	0.045	0.184	0.1658	---	---	29
30	---		2.54 B	0.135	1.53	0.244	0.058	0.042	0.183	0.1068	---	---	30
31	---		2.24 B		1.83		0.045	0.038		0.0718		---	31
TOTAL	---	---	25.689	22.369	23.438	54.682	8.286	1.018	4.940	5.874	---	---	TOTAL
MEAN	---	---	0.829	0.745	0.756	1.82	0.267	0.033	0.165	0.183	---	---	MEAN
MAX	---	---	3.56	1.81	1.83	4.23	0.840	0.068	0.272	0.258	---	---	MAX
MIN	---	---	0.020	0.135	0.135	0.224	0.017	0.007	0.033	0.071	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.585
MAXIMUM DAILY, 4.23 ON JUN 9
MINIMUM DAILY, 0.007 ON AUG 5
MAXIMUM INSTANTANEOUS,
4.428 AT 05:15 MST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 10 N
LONG 112 46 30 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	715
FEB	---	AUG	87.8
MAR	2 220	SEP	427
APR	1 930	OCT	490
MAY	2 030	NOV	---
JUN	4 710	DEC	---

TOTAL DISCHARGE, 12 800 dam³

PIPESTONE CREEK BELOW SILSTONE CREEK - STATION NO. 05PA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	3.63 B	0.555	0.218	0.339	0.006	0.010	0.088	0.0808	---	1
2	---	---	0.0288	3.55 B	0.428	0.192	0.192	0.006	0.010	0.037	0.0778	---	2
3	---	---	0.0288	3.46 B	0.358	0.218	0.157	0.006	0.010	0.047	0.0708	---	3
4	---	---	0.0288	3.18 B	0.355	0.204	0.142	0.006	0.010	0.032	0.0658	---	4
5	---	---	0.0288	1.87 B	0.298	0.218	0.130	0.006	0.010	0.040	0.0588	---	5
6	---	---	0.0288	1.61	0.242	0.282	0.149	0.006	0.094	0.073	---	---	6
7	---	---	0.0288	1.65	0.195	0.474	0.223	0.006	0.845	0.046	---	---	7
8	---	---	0.0288	1.61	0.150	1.07	0.137	0.007	0.538	0.050	---	---	8
9	---	---	0.0288	1.32	0.183	1.35	0.038	0.007	0.321	0.085	---	---	9
10	---	---	0.0288	1.12	0.155	1.21	0.020	0.007	0.317	0.125	---	---	10
11	---	---	0.0288	1.03	0.244	1.04	0.010	0.007	0.288	0.248	---	---	11
12	---	---	0.0288	0.894	0.247	0.882	0.020	0.007	0.250	0.249	---	---	12
13	---	---	0.0288	0.778	0.219	1.18	0.043	0.007	0.250	0.238	---	---	13
14	---	---	0.0288	0.701	0.288	1.01	0.143	0.007	0.228	0.205	---	---	14
15	---	---	0.0288	0.680	0.276	0.985	0.149	0.008	0.290	0.2048	---	---	15
16	---	---	0.0288	0.614	0.285	1.07	0.058	0.008	0.280	0.1888	---	---	16
17	---	---	0.0288	0.644	0.349	0.983	0.032	0.008	0.240	0.1898	---	---	17
18	---	---	0.0288	0.543	0.362	0.778	0.088	0.008	0.220	0.2028	---	---	18
19	---	---	0.0288	0.495	0.258	0.723	0.125	0.008	0.198	0.2328	---	---	19
20	---	---	0.0408	0.478	0.202	0.806	0.158	0.008	0.187	0.2308	---	---	20
21	---	---	0.0508	0.484	0.188	0.638	0.154	0.008	0.212	0.2008	---	---	21
22	---	---	0.4008	0.488	0.180	0.596	0.077	0.008	0.370	0.1888	---	---	22
23	---	---	1.54 B	0.444	0.141	0.578	0.031	0.008	0.492	0.1828	---	---	23
24	---	---	2.46 B	0.347	0.145	0.822	0.010	0.008	0.488	0.1758	---	---	24
25	---	---	3.98 B	0.327	0.148	0.824	0.008	0.008	0.488	0.1848	---	---	25
26	---	---	3.55 B	0.3258	0.137	0.712	0.003	0.008	0.290	0.1588	---	---	26
27	---	---	2.74 B	0.3918	0.128	0.675	0.001	0.008	0.217	0.1808	---	---	27
28	---	---	3.22 B	0.4578	0.108	0.586	0.001	0.008	0.183	0.1408	---	---	28
29	---	---	3.50 B	0.5238	0.187	0.761	0.002	0.008	0.159	0.1318	---	---	29
30	---	---	3.38 B	0.5908	0.182	0.972	0.004	0.010	0.102	0.1138	---	---	30
31	---		3.02 B		0.181		0.006	0.010		0.1078		---	31
TOTAL	---	---	28.374	30.302	7.378	21.312	2.619	0.239	7.181	4.544	---	---	TOTAL
MEAN	---	---	0.915	1.01	0.238	0.710	0.084	0.008	0.239	0.147	---	---	MEAN
MAX	---	---	3.98	3.63	0.555	1.35	0.339	0.010	0.545	0.249	---	---	MAX
MIN	---	---	0.028	0.325	0.108	0.192	0.001	0.006	0.010	0.032	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.416
MAXIMUM DAILY, 3.980 ON MAR 25
MINIMUM DAILY, 0.001 ON JUL 27
MAXIMUM INSTANTANEOUS,
5.09 AT 15:00 MST ON APR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 53 02 25 N
LONG 113 21 54 W
DRAINAGE AREA, 1.010 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	226
FEB	---	AUG	20.6
MAR	2 450	SEP	620
APR	2 620	OCT	393
MAY	637	NOV	---
JUN	1 840	DEC	---

TOTAL DISCHARGE, 8 810 dam³

PIPESTONE RIVER NEAR LAKE LOUISE - STATION NO. 05BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	8.73	4.88E	2.068	1.26 B	1
2	---	---	---	---	---	---	---	---	8.31	4.45	2.128	1.08 B	2
3	---	---	---	---	---	---	---	---	7.71	4.48	2.188	1.08 B	3
4	---	---	---	---	---	---	---	---	7.32	4.47	2.218	0.9598	4
5	---	---	---	---	---	---	---	---	7.13	4.44	2.198	1.28 B	5
6	---	---	---	---	---	---	---	---	8.78	4.23	2.128	2.17 B	6
7	---	---	---	---	---	---	---	---	9.06	4.18	2.248	1.72 B	7
8	---	---	---	---	---	---	---	---	8.24	4.15	2.358	1.56 B	8
9	---	---	---	---	---	---	---	---	7.94	4.25	2.258	1.58 B	9
10	---	---	---	---	---	---	---	---	7.94	4.23	1.508	1.64 B	10
11	---	---	---	---	---	---	---	---	7.69	4.15	1.238	1.61 B	11
12	---	---	---	---	---	---	---	---	8.42	4.14	1.228	1.58 B	12
13	---	---	---	---	---	---	---	---	8.53	4.00	1.368	1.62 B	13
14	---	---	---	---	---	---	---	---	8.46	3.95	1.448	1.60 B	14
15	---	---	---	---	---	---	---	7.83A	8.02	3.80	1.338	1.26 B	15
16	---	---	---	---	---	---	---	7.77	7.87	3.65	1.388	1.40 B	16
17	---	---	---	---	---	---	---	8.14	8.22	3.80	2.158	1.57 B	17
18	---	---	---	---	---	---	---	8.85	17.0	3.58	2.188	1.43 B	18
19	---	---	---	---	---	---	---	7.88	13.7	3.56	2.088	1.37 B	19
20	---	---	---	---	---	---	---	6.38	12.0	3.589	1.998	1.30 B	20
21	---	---	---	---	---	---	---	8.71	11.3	3.328	1.898	1.21 B	21
22	---	---	---	---	---	---	---	5.43	10.2	3.508	1.788	1.17 B	22
23	---	---	---	---	---	---	---	5.59	9.18	3.228	1.898	1.15 B	23
24	---	---	---	---	---	---	---	5.41	8.00E	3.159	1.608	1.08 B	24
25	---	---	---	---	---	---	---	6.30	6.98E	3.07	1.508	1.09 B	25
26	---	---	---	---	---	---	---	5.12	5.83E	2.758	1.408	1.09 B	26
27	---	---	---	---	---	---	---	15.3	4.88B	2.638	1.908	1.13 B	27
28	---	---	---	---	---	---	---	10.1	3.84B	2.34	1.618	1.14 B	28
29	---	---	---	---	---	---	---	7.42	3.30B	2.05	1.758	1.12 B	29
30	---		---	---	---	---	---	6.85	4.20B	2.12	1.488	1.06 B	30
31	---		---		---		---	8.18		1.828		1.12 B	31
TOTAL	---	---	---	---	---	---	---	---	248.78	111.42	54.22	41.309	TOTAL
MEAN	---	---	---	---	---	---	---	---	8.23	3.59	1.81	1.33	MEAN
MAX	---	---	---	---	---	---	---	---	13.7	4.88	2.35	2.17	MAX
MIN	---	---	---	---	---	---	---	---	3.84	1.82	1.22	0.959	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 51 25 02 N
LONG 115 10 20 W
DRAINAGE AREA, 309 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	21 300
APR	---	OCT	9 630
MAY	---	NOV	4 680
JUN	---	DEC	3 570

PIYAMI DRAIN NEAR PICTURE BUTTE - STATION NO. 05AD037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.017	0.828	0.188	0.021	0.260	0.276	---	---	1
2	---	---	---	---	0.018	0.734	0.224	0.008	0.307	0.256	---	---	2
3	---	---	---	---	0	0.656	0.132	0	0.367	0.328	---	---	3
4	---	---	---	---	0	0.731	0.145	0	0.471	0.486	---	---	4
5	---	---	---	---	0	0.646	0.219	0	0.122	0.525	---	---	5
6	---	---	---	---	0	0.675	0.171	0	0.031	0.613	---	---	6
7	---	---	---	---	0	0.523	0.172	0.004	0.049	0.756	---	---	7
8	---	---	---	---	0	0.624	0.148	0.008	0.053	0.837	---	---	8
9	---	---	---	---	0.048	0.682	0.187	0.013	0.030	0.747	---	---	9
10	---	---	---	---	0.180	0.852	0.197	0.455	0.045	0.187	---	---	10
11	---	---	---	---	0.087	0.873	0.134	0.473	0.034	0.157	---	---	11
12	---	---	---	---	0.078	0.843	0.049	0.477	0.018	0.218	---	---	12
13	---	---	---	---	0.674	0.615	0.040	0.430	0	0.203	---	---	13
14	---	---	---	---	0.113	0.535	0.009A	0.429	0.008	0.112	---	---	14
15	---	---	---	---	0.134	0.338	0 E	0.474	0	0.083	---	---	15
16	---	---	---	---	0.080	0.827	0 E	0.445	0 E	0.082	---	---	16
17	---	---	---	0 A	0.189	0.738	0 E	0.451	0 A	0.050	---	---	17
18	---	---	---	0	0.178	0.772	0.138A	0.387	0	0.0488	---	---	18
19	---	---	---	0.001	0.186	0.840	0.107	0.350	0.085	0.0348	---	---	19
20	---	---	---	0	0.283	0.884	0.118	0.089	0.420	0.0208	---	---	20
21	---	---	---	0	0.385	0.732	0.271	0.025	0.442	0.0188	---	---	21
22	---	---	---	0	0.226	1.05	0.282	0.020	0.456	0.0169	---	---	22
23	---	---	---	0	0.414	0.7078	0.345	0	0.358	0.0188	---	---	23
24	---	---	---	0	0.388	0.8418	0.458	0	0.371	0.0208	---	---	24
25	---	---	---	0	0.253	0.3868	0.200	0	0.383	0.0268	---	---	25
26	---	---	---	0.008	0.370	0.381	0.222	0	0.493	0.0318	---	---	26
27	---	---	---	0.001	0.340	0.284	0.114	0	0.518	0.0228	---	---	27
28	---	---	---	0	0.250	0.177	0.097	0	0.452	0.0348	---	---	28
29	---	---	---	0.008	0.439	0.188	0.068	0.018	0.371	0.0248	---	---	29
30	---		---	0.020	0.385	0.325	0.125	0.188	0.352	0.0238	---	---	30
31	---		---		0.488		0.077	0.184		0.0218		---	31
TOTAL	---	---	---	---	5.454	17.760	4.698	5.172	5.758	5.278	---	---	TOTAL
MEAN	---	---	---	---	0.178	0.592	0.152	0.169	0.225	0.203	---	---	MEAN
MAX	---	---	---	---	0.674	1.05	0.458	0.868	0.842	0.837	---	---	MAX
MIN	---	---	---	---	0	0.177	0	0	0	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 1.05 ON JUN 22
MINIMUM DAILY, 0 ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 113 45 43 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	405
FEB	---	AUG	533
MAR	---	SEP	584
APR	---	OCT	542
MAY	471	NOV	---
JUN	1 530	DEC	---

TOTAL DISCHARGE, 4 070 dam³

POINTE-AUX-PINS CREEK NEAR ARDROSSAN - STATION NO. 05EB902

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.951	0.074	0.037	0.018	0	0	0	---	---	1
2	---	---	0 B	0.812	0.081	0.040	0.014	0	0	0	---	---	2
3	---	---	0 B	0.758	0.089	0.035	0.012	0	0	0	---	---	3
4	---	---	0 B	0.510	0.057	0.037	0.011	0	0	0	---	---	4
5	---	---	0 B	0.342	0.052	0.040	0.008	0	0	0	---	---	5
6	---	---	0 B	0.288	0.042	0.318	0.008	0	0	0	---	---	6
7	---	---	0 B	0.278	0.030	0.880	0.006	0	0.001	0	---	---	7
8	---	---	0 B	0.270	0.019	1.25	0.005	0	0.009	0.001	---	---	8
9	---	---	0 B	0.262	0.015	1.28	0.003	0	0.004	0.001	---	---	9
10	---	---	0 B	0.256	0.026	1.07	0.001	0	0.004	0.001	---	---	10
11	---	---	0 B	0.242	0.025	0.854	0	0	0.004	0.002	---	---	11
12	---	---	0 B	0.213	0.020	0.658	0	0	0.005	0.002	---	---	12
13	---	---	0 B	0.178	0.019	0.514	0	0	0.005	0.002	---	---	13
14	---	---	0 B	0.155	0.017	0.381	0	0	0	0.002	---	---	14
15	---	---	0 1008	0.133	0.017	0.296	0	0	0	0.002	---	---	15
16	---	---	0 1008	0.128	0.017	0.252	0	0	0	0.003	---	---	16
17	---	---	0 1008	0.107	0.022	0.181	0	0	0	0.003	---	---	17
18	---	---	0 1008	0.102	0.028	0.139	0	0	0	0.003	---	---	18
19	---	---	0 1008	0.132	0.027	0.110	0	0	0	0.003	---	---	19
20	---	---	0 1008	0.132	0.026	0.092	0	0	0	0.003	---	---	20
21	---	---	0 0408	0.139	0.034	0.071	0	0	0.001	0.004	---	---	21
22	---	---	0 8438	0.088	0.030	0.063	0	0	0.013	0.004	---	---	22
23	---	---	1 13 B	0.069	0.021	0.043	0	0	0.010	0.004	---	---	23
24	---	---	0 8938	0.067	0.051	0.035	0	0	0.001	0.004	---	---	24
25	---	---	1 40 B	0.093	0.089	0.041	0	0	0	0.004	---	---	25
26	---	---	1 08 B	0.113	0.057	0.028	0	0	0	0.004	---	---	26
27	---	---	0.7488	0.187	0.039	0.034	0	0	0	0.004	---	---	27
28	---	---	0 5178	0.068	0.028	0.030	0	0	0	0.006	---	---	28
29	---	---	0 833	0.070	0.024	0.018	0	0	0	0.004	---	---	29
30	---		1 01	0.083	0.028	0.017	0	0	0	0.004	---	---	30
31	---		1 04		0.027		0	0		0.004		---	31
TOTAL	---	---	9.772	7.343	1.082	8.824	0.084	0	0.067	0.072	---	---	TOTAL
MEAN	---	---	0.315	0.245	0.034	0.294	0.003	0	0.002	0.002	---	---	MEAN
MAX	---	---	1.40	0.951	0.078	1.28	0.018	0	0.013	0.006	---	---	MAX
MIN	---	---	0	0.088	0.017	0.017	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.082
MAXIMUM DAILY, 1.28 ON JUN 9
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
1.59 AT 09:30 MST ON MAR 25

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 56 N
LONG 113 08 45 W

DRAINAGE AREA, 105 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 26
FEB	---	AUG	0
MAR	844	SEP	4 93
APR	634	OCT	6 22
MAY	81 8	NOV	---
JUN	783	DEC	---

TOTAL DISCHARGE, 1 510 dam³

POINTE-AUX-PINS TRIBUTARY NO 1 NEAR ARDROSSAN - STATION NO 05EB909

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 069	0 015	0 015	0	0	0	0	0B	---	1
2	---	---	0 B	0 063	0 013	0 013	0	0	0	0	---	---	2
3	---	---	0 B	0 062	0 012	0 010	0	0	0	0	---	---	3
4	---	---	0 B	0 070	0 012	0 007	0	0	0	0	---	---	4
5	---	---	0 B	0 078	0 012	0 005	0	0	0	0	---	---	5
6	---	---	0 B	0 086	0 011	0 048	0	0	0	0	---	---	6
7	---	---	0 B	0 051	0 012	0 197	0	0	0	0	---	---	7
8	---	---	0 B	0 070	0 013	0 281	0	0	0	0	---	---	8
9	---	---	0 B	0 059	0 014	0 284	0	0	0	0	---	---	9
10	---	---	0 B	0 047	0 016	0 312	0	0	0	0	---	---	10
11	---	---	0 B	0 039	0 015	0 149	0	0	0	0	---	---	11
12	---	---	0 B	0 035	0 015	0 113	0	0	0	0	---	---	12
13	---	---	0 B	0 034	0 015	0 089	0	0	0	0	---	---	13
14	---	---	0 B	0 035	0 015	0 034	0	0	0	0	---	---	14
15	---	---	0 B	0 031	0 016	0 035	0	0	0	0	---	---	15
16	---	---	0 0018	0 029	0 018	0 021	0	0	0	0	---	---	16
17	---	---	0 0018	0 029	0 020	0 010	0	0	0	0	---	---	17
18	---	---	0 0018	0 028	0 021	0 005	0	0	0	0	---	---	18
19	---	---	0 0018	0 030	0 021	0 003	0	0	0	0	---	---	19
20	---	---	0 0018	0 030	0 022	0 003	0	0	0	0	---	---	20
21	---	---	0 0178	0 027	0 019	0 002	0	0	0	0	---	---	21
22	---	---	0 0948	0 031	0 020	0 002	0	0	0	0	---	---	22
23	---	---	0 1728	0 030	0 019	0 001	0	0	0	0	---	---	23
24	---	---	0 2068	0 028	0 020	0 001	0	0	0	0	---	---	24
25	---	---	0 3038	0 024	0 020	0	0	0	0	0	---	---	25
26	---	---	0 2558	0 087	0 017	0	0	0	0	0	---	---	26
27	---	---	0 3538	0 113	0 018	0	0	0	0	0	---	---	27
28	---	---	0 224	0 034	0 018	0	0	0	0	0	---	---	28
29	---	---	0 131	0 021	0 016	0	0	0	0	0	---	---	29
30	---		0 088	0 018	0 013	0	0	0	0	0	---	---	30
31	---		0 083		0 015		0	0		0		---	31
TOTAL	---	---	1 841	1 403	0 507	1 470	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 059	0 047	0 016	0 049	0	0	0	0	---	---	MEAN
MAX	---	---	0 303	0 113	0 022	0 284	0	0	0	0	---	---	MAX
MIN	---	---	0	0 018	0 011	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 018
MAXIMUM DAILY, 0 284 ON JUN 9
MINIMUM DAILY, 0 ON JUN 25
MAXIMUM INSTANTANEOUS,
0 434 AT 14 37 MST ON MAR 25

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 43 N
LONG 113 08 48 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	159	SEP	0
APR	121	OCT	0
MAY	43 8	NOV	---
JUN	127	DEC	---

TOTAL DISCHARGE, 252 dam³

POINTE-AUX-PINS TRIBUTARY NO 2 NEAR ARDROSSAN - STATION NO 05EB910

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 031	0	0 004	0	0	0	0	0B	---	1
2	---	---	0 B	0 018	0	0 004	0	0	0	0	---	---	2
3	---	---	0 B	0 013	0	0 003	0	0	0	0	---	---	3
4	---	---	0 B	0 009	0 001	0 002	0	0	0	0	---	---	4
5	---	---	0 B	0 008	0 002	0 002	0	0	0	0	---	---	5
6	---	---	0 B	0 007	0 001	0 084	0	0	0	0	---	---	6
7	---	---	0 B	0 020	0 001	0 159	0	0	0	0	---	---	7
8	---	---	0 B	0 015	0 002	0 134	0	0	0 001	0	---	---	8
9	---	---	0 B	0 008	0 004	0 072	0	0	0	0	---	---	9
10	---	---	0 B	0 006	0 006	0 038	0	0	0	0	---	---	10
11	---	---	0 B	0 005	0 006	0 022	0	0	0	0	---	---	11
12	---	---	0 B	0 005	0 006	0 012	0	0	0	0	---	---	12
13	---	---	0 B	0 004	0 007	0 007	0	0	0	0	---	---	13
14	---	---	0 B	0 004	0 008	0 004	0	0	0	0	---	---	14
15	---	---	0 B	0 003	0 008	0 003	0	0	0	0	---	---	15
16	---	---	0 0038	0 003	0 007	0 002	0	0	0	0	---	---	16
17	---	---	0 0058	0 003	0 007	0 001	0	0	0	0	---	---	17
18	---	---	0 0088	0 003	0 006	0 001	0	0	0	0	---	---	18
19	---	---	0 0108	0 004	0 005	0 002	0	0	0	0	---	---	19
20	---	---	0 0138	0 004	0 004	0 002	0	0	0	0	---	---	20
21	---	---	0 0148	0 004	0 003	0 001	0	0	0 001	0	---	---	21
22	---	---	0 1988	0 004	0 003	0 001	0	0	0 002	0	---	---	22
23	---	---	0 2808	0 003	0 002	0 001	0	0	0	0	---	---	23
24	---	---	0 3248	0 003	0 002	0 001	0	0	0	0	---	---	24
25	---	---	0 216	0 002	0 002	0	0	0	0	0	---	---	25
26	---	---	0 139	0 002	0 002	0	0	0	0	0	---	---	26
27	---	---	0 102	0 003	0 003	0	0	0	0	0	---	---	27
28	---	---	0 054	0 001	0 002	0	0	0	0	0	---	---	28
29	---	---	0 034	0 001	0 002	0	0	0	0	0	---	---	29
30	---		0 035	0	0 002	0	0	0	0	0	---	---	30
31	---		0 030		0 004		0	0		0		---	31
TOTAL	---	---	1 383	0 181	0 103	0 542	0	0	0 004	0	---	---	TOTAL
MEAN	---	---	0 044	0 006	0 003	0 018	0	0	0	0	---	---	MEAN
MAX	---	---	0 280	0 021	0 007	0 159	0	0	0 002	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0 159 ON JUN 7
MINIMUM DAILY, 0 ON APR 30
MAXIMUM INSTANTANEOUS,
0 317 AT 15 10 MST ON MAR 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 48 N
LONG 113 08 49 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	118	SEP	0 35
APR	15 6	OCT	0
MAY	8 90	NOV	---
JUN	48 8	DEC	---

TOTAL DISCHARGE, 71 7 dam³

POINTE-AUX-PINS TRIBUTARY NO. 3 NEAR ARDROSSAN - STATION NO. 05EB911

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 004	0 008	0 004	0	0	0	0	08	---	1
2	---	---	0 B	0 004	0 008	0 003	0	0	0	0	---	---	2
3	---	---	0 B	0 004	0 008	0 002	0	0	0	0	---	---	3
4	---	---	0 B	0 005	0 003	0 003	0	0	0	0	---	---	4
5	---	---	0 B	0 002	0 002	0 004	0	0	0	0	---	---	5
6	---	---	0 B	0 001	0 002	0 026	0 001	0	0	0	---	---	6
7	---	---	0 B	0 001	0 002	0 032	0 001	0	0	0	---	---	7
8	---	---	0 B	0 001	0 002	0 026	0 001	0	0	0	---	---	8
9	---	---	0 B	0 001	0 003	0 017	0 001	0	0	0	---	---	9
10	---	---	0 B	0 001	0 008	0 012	0 001	0	0	0	---	---	10
11	---	---	0 B	0 001	0 007	0 008	0 001	0	0	0	---	---	11
12	---	---	0 B	0 001	0 008	0 004	0 001	0	0	0	---	---	12
13	---	---	0 B	0 001	0 010	0 007	0 001	0	0	0	---	---	13
14	---	---	0 B	0 001	0 011	0 002	0 001	0	0	0	---	---	14
15	---	---	0 B	0	0 012	0 002	0 001	0	0	0	---	---	15
16	---	---	0 B	0 001	0 013	0 002	0	0	0	0	---	---	16
17	---	---	0 0018	0 002	0 018	0 001	0	0	0	0	---	---	17
18	---	---	0 0028	0 004	0 018	0 001	0	0	0	0	---	---	18
19	---	---	0 0048	0 007	0 013	0 001	0	0	0	0	---	---	19
20	---	---	0 0088	0 008	0 013	0 001	0	0	0	0	---	---	20
21	---	---	0 0288	0 007	0 013	0 001	0	0	0	0	---	---	21
22	---	---	0 0618	0 008	0 014	0 001	0	0	0	0	---	---	22
23	---	---	0 0318	0 009	0 008	0 001	0	0	0	0	---	---	23
24	---	---	0 0298	0 009	0 002	0 001	0	0	0	0	---	---	24
25	---	---	0 0518	0 008	0 002	0 001	0	0	0	0	---	---	25
26	---	---	0 0298	0 007	0 002	0 001	0	0	0	0	---	---	26
27	---	---	0 014	0 008	0 002	0 001	0	0	0	0	---	---	27
28	---	---	0 009	0 008	0 001	0 001	0	0	0	0	---	---	28
29	---	---	0 004	0 009	0 001	0	0	0	0	0	---	---	29
30	---		0 004	0 008	0 001	0	0	0	0	0	---	---	30
31	---		0 004		0 001		0	0		0		---	31
TOTAL	---	---	0 277	0 129	0 212	0 185	0 010	0	0	0	---	---	TOTAL
MEAN	---	---	0 009	0 004	0 007	0 006	0	0	0	0	---	---	MEAN
MAX	---	---	0 061	0 009	0 018	0 032	0 001	0	0	0	---	---	MAX
MIN	---	---	0	0	0 001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 002
MAXIMUM DAILY 0 032 ON JUN 7
MINIMUM DAILY 0 ON APR 15
MAXIMUM INSTANTANEOUS
0 069 AT 19 08 MST ON JUN 6

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 44 N
LONG 113 06 47 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 66
FEB	---	AUG	0
MAR	23 9	SEP	0
APR	11 1	OCT	0
MAY	18 3	NOV	---
JUN	14 3	DEC	---

TOTAL DISCHARGE, 66 6 dam³

PONTON RIVER ABOVE BOYER RIVER - STATION NO. 07JF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	08	0 B	6 77	11 4	48 9	14 1	37 5	11 0	---	---	1
2	---	---	08	0 B	8 04	26 8	132	13 6	35 6	11 2	---	---	2
3	---	---	08	0 B	5 29	49	174	13 5	35 4	11 5	---	---	3
4	---	---	08	0 B	4 64	35 0	142	13 4	31 1	11 8	---	---	4
5	---	---	08	0 0018	4 27	27 8	91 4	13 4	29 6 E	11 7	---	---	5
6	---	---	08	0 0058	4 23	23 6	71 6	18 0	28 2	11 4	---	---	6
7	---	---	08	0 0108	4 06	21 1	63 6	77 9	27 0 E	11 0	---	---	7
8	---	---	08	0 3818	3 59	18 9	61 6	182	25 9	11 0	---	---	8
9	---	---	08	0 5318	3 83	16 4	57 7	196	24 2	11 4 E	---	---	9
10	---	---	08	0 8848	3 49	15 2	45 4	154	23 3 E	11 9	---	---	10
11	---	---	08	1 44 B	3 82	14 3	41 3	94 3	22 3	14 7	---	---	11
12	---	---	08	2 46 B	3 73	14 4	39 5	66 4	20 8	15 7	---	---	12
13	---	---	08	4 83 B	3 39	14 0E	35 4	55 6	18 7	15 1	---	---	13
14	---	---	08	7 18 B	4 87	13 6	33 6	50 2	18 8	14 3	---	---	14
15	---	---	08	9 54 B	7 89	13 6	34 5	42 3	18 0	13 7 E	---	---	15
16	---	---	08	11 8 B	9 73	13 5	34 2E	37 7	17 4	13 0	---	---	16
17	---	---	08	25 0 B	10 9	13 0	33 8	29 6	16 9	12 2	---	---	17
18	---	---	08	39 3	11 7	14 0	33 0E	28 1E	16 3	12 6	---	---	18
19	---	---	08	38 1	37 0	25 2	32 2	28 8E	16 0 E	12 1	---	---	19
20	---	---	08	22 0	36 1	26 0	30 0E	28 4	15 8	12 1	---	---	20
21	---	---	08	18 9	28 5	25 1	27 7	28 5E	14 8	11 9	---	---	21
22	---	---	08	16 4	25 3	22 8	28 4E	28 7	14 3	11 2	---	---	22
23	---	---	08	15 2 E	20 5	20 0	31 0	28 1E	14 0	10 1 B	---	---	23
24	---	---	08	14 0	16 6	19 9	31 1	29 5	13 4	8 138	---	---	24
25	---	---	08	13 7	15 1	18 4	19 9	29 2	13 0	5 428	---	---	25
26	---	---	08	11 6	12 7	15 5	30 0E	27 8E	12 7	4 528	---	---	26
27	---	---	08	10 1	12 3 E	15 0	30 0	26 4	12 0 E	4 108	---	---	27
28	---	---	08	8 74	11 8	14 6	17 5E	27 8E	11 4	3 708	---	---	28
29	---	---	08	8 00	11 7	15 4	15 1	28 1	8 64	3 308	---	---	29
30	---		08	8 46	11 5	15 6	14 9	32 3	10 8	2 888	---	---	30
31	---		08		11 1		14 4	40 6		2 708		---	31
TOTAL	---	---	0	277 082	386 60	592 9	1 486 6	1 491 2	805 44	317 35	---	---	TOTAL
MEAN	---	---	0	9 24	11 5	19 8	47 3	48 1	20 2	10 2	---	---	MEAN
MAX	---	---	0	39 3	37 0	49 7	174	196	37 9	15 7	---	---	MAX
MIN	---	---	0	0	3 39	11 4	14 4	13 4	8 64	2 70	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20 8
MAXIMUM DAILY, 196 ON AUG 9
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS
201 AT 07 00 MST ON AUG 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 27 53 N
LONG 116 15 23 W
DRAINAGE AREA, 2 550 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	127 000
FEB	---	AUG	128 000
MAR	0	SEP	82 300
APR	23 900	OCT	27 400
MAY	30 800	NOV	---
JUN	61 200	DEC	---

TOTAL DISCHARGE, 442 000 dam³

PONY CREEK NEAR CHARD - STATION NO 07CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 041B	0 1328	0 502	3 14	0 981	0 288	0 205	0 353	0 3803	---	1
2	---	---	0 041B	0 1988	0 455	4 50	0 987	0 252	0 253	0 359	0 350E	---	2
3	---	---	0 041B	0 2488	0 411	5 82	1 10	0 229	0 276	0 343	0 3368	---	3
4	---	---	0 041B	0 3308	0 353	6 12	1 09	0 249	0 255	0 351	0 3208	---	4
5	---	---	0 041B	0 4838	0 328	5 86	1 03	0 647	0 233	0 336	0 3008	---	5
6	---	---	0 041B	0 5008	0 296	4 95	1 09	1 29	0 245	0 333	0 2808	---	6
7	---	---	0 041B	0 4658	0 276	4 79	2 07	1 56	0 586	0 345	0 2808	---	7
8	---	---	0 041B	0 4608	0 262	3 85	3 08	1 23	0 841	0 346	---	---	8
9	---	---	0 041B	0 5408	0 271	3 19	3 36	1 05	0 881	0 459	---	---	9
10	---	---	0 041B	0 6908	0 268	2 70	3 15	0 959	0 902	0 379	---	---	10
11	---	---	0 040B	0 9158	0 298	2 36	3 02	0 730	0 839	0 333	---	---	11
12	---	---	0 040B	1 21 B	0 287	2 10	2 51	0 593	0 762	0 334	---	---	12
13	---	---	0 040B	1 60 B	0 310	1 89	2 56	0 604	0 659	0 487	---	---	13
14	---	---	0 040B	1 90 B	0 269	1 52	3 55	0 555	0 588	C 689	---	---	14
15	---	---	0 040B	2 02 B	0 267	1 32	4 13	0 463	0 555	0 625	---	---	15
16	---	---	0 040B	1 96 B	0 283	1 20	4 11	0 391	0 476	0 886	---	---	16
17	---	---	0 040B	1 83 B	0 629	2 05	3 84	0 385	0 428	0 814	---	---	17
18	---	---	0 040B	1 75 B	1 52	1 86	3 25	0 306	0 386	1 61	---	---	18
19	---	---	0 040B	1 64 B	2 31	1 71	2 75	0 274	0 379	2 83	---	---	19
20	---	---	0 040B	1 52 B	4 37	1 89	2 33	0 241	0 349	2 98	---	---	20
21	---	---	0 040B	1 40 B	7 54	1 89	1 99	0 249	0 332	2 77	---	---	21
22	---	---	0 042B	1 30 B	6 10	1 82	1 74	0 234	0 336	2 58	---	---	22
23	---	---	0 044B	1 22 B	7 29	1 51	1 52	0 210	0 329	2 39	---	---	23
24	---	---	0 046B	1 08 B	6 16	1 35	1 38	0 197	0 327	2 07	---	---	24
25	---	---	0 050B	0 980B	5 08	1 20	1 09	0 186	0 340	1 90 B	---	---	25
26	---	---	0 054B	0 885	4 36	1 03	0 922	0 168	0 344	1 00 B	---	---	26
27	---	---	0 058B	0 829	3 82	0 929	0 762	0 163	0 343	0 7008	---	---	27
28	---	---	0 063B	0 7608	3 43	0 881	0 638	0 180	0 334	0 5408	---	---	28
29	---	---	0 072B	0 691	2 95	0 921	0 519	0 200	0 343	0 4908	---	---	29
30	---	---	0 084B	0 587	2 52	0 923	0 396	0 204	0 341	0 4508	---	---	30
31	---		0 098B		2 80		0 328	0 203		0 4208	---	---	31
TOTAL	---	---	1 461	30 103	67 765	74 804	61 283	14 380	13 459	29 812	---	---	TOTAL
MEAN	---	---	0 047	1 00	2 19	2 49	1 98	0 464	0 449	0 962	---	---	MEAN
MAX	---	---	0 098	2 02	6 10	6 12	4 13	1 56	0 902	2 98	---	---	MAX
MIN	---	---	0 040	0 132	0 262	0 891	0 328	0 163	0 205	0 333	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 20
MAXIMUM DAILY, 6 10 ON MAY 22
MINIMUM DAILY, 0 040B ON MAR 11
MAXIMUM INSTANTANEOUS,
6 25 AT 23 36 MST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 55 N
LONG 110 55 00 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 280
FEB	---	AUG	1 240
MAR	128	SEP	1 160
APR	2 600	OCT	2 580
MAY	5 860	NOV	---
JUN	6 450	DEC	---

TOTAL DISCHARGE, 25 300 dam³

POPLAR CREEK NEAR FORT MCMURRAY - STATION NO 07DA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 E	0 005B	0 2708	0 512	3 74	1 82	0 830	0 225E	0 248	1 40 B	0 1608	1
2	0B	0 E	0 005B	0 4308	0 461	8 39	1 76	0 779	0 250E	0 270	1 30 B	0 1408	2
3	0B	0 E	0 005B	0 4958	0 436	9 53	1 64	0 722	0 300E	0 260	1 20 B	0 1258	3
4	0B	0 B	0 005B	0 5508	0 439	10 2	1 46	0 666	0 345E	0 243	1 10 B	0 1088	4
5	0B	0 B	0 005B	0 5908	0 432	11 3	1 28	0 688	0 365E	0 280	1 05 B	0 0928	5
6	0B	0 B	0 005B	0 6258	0 428	12 2	1 24	0 656	0 360E	0 265	0 9508	0 0808	6
7	0B	0 B	0 005B	0 6578	0 403	12 2	2 93	0 621	0 342E	0 245	0 8808	0 0688	7
8	0B	0 B	0 005B	0 6608	0 382	11 5	2 99	0 604	0 330E	0 250	0 8058	0 0558	8
9	0B	0 B	0 005B	0 6208	0 382	10 4	2 67	0 592	0 328E	0 261	0 7408	0 0488	9
10	0B	0 B	0 005B	0 7268	0 369	9 43	2 47	0 690	0 338E	0 278	0 6808	0 0388	10
11	0B	0 B	0 005B	0 7868	0 372	8 26	2 31	0 563	0 370E	0 279	0 6308	0 0328	11
12	0B	0 B	0 005B	0 8338	0 370	7 36	2 29	0 486	0 380E	0 322	0 5858	0 0268	12
13	0B	0 B	0 005B	0 8638	0 332	6 56	2 35	0 736	0 370E	0 542	0 5408	0 0208	13
14	0B	0 B	0 005B	0 8988	0 272	5 86	2 48	0 876	0 355E	0 700	0 5008	0 0158	14
15	0B	0 B	0 005B	0 926	0 303	5 20	2 54	0 671	0 323A	0 708	0 4708	0 0108	15
16	0B	0 B	0 005B	0 881	0 283	4 67	2 66	0 808	0 314	0 744	0 4358	0 0088	16
17	0B	0 B	0 005B	1 05	0 287	4 53	2 64	0 541	0 287	0 971	0 4058	0 0088	17
18	0B	0 B	0 005B	1 14	0 487	4 07	2 51	0 519	0 264	1 47	0 3808	0 0048	18
19	0B	0 B	0 008B	1 10	0 490	3 61	2 41	0 484	0 270	1 66	0 3658	0 0028	19
20	0B	0 B	0 016B	1 09	0 728	3 76	2 26	0 461	0 262	1 76	0 3358	0 B	20
21	0B	0 001B	0 025B	1 08	1 12	3 61	2 22	0 389	0 261	1 98	0 3158	0 B	21
22	0B	0 002B	0 035B	1 03	1 12	3 35	2 11	0 356	0 262	2 21	0 2958	0 B	22
23	0B	0 002B	0 052B	0 961	1 08	3 22	1 97	0 321	0 215	2 39	0 2758	0 B	23
24	0B	0 003B	0 068B	0 977	0 989	2 89	1 72	0 265	0 205	2 38 B	0 2638	0 B	24
25	0B	0 003B	0 088B	0 942	0 899	2 70	1 58	0 213	0 217	2 22 B	0 2488	0 B	25
26	0B	0 004B	0 108B	0 810	0 815	2 50	1 41	0 181	0 216	2 10 B	0 2338	0 B	26
27	0B	0 004B	0 130B	0 732	0 718	2 43	1 28	0 162	0 206	1 93 B	0 2238	0 B	27
28	0B	0 005B	0 155B	0 679	0 661	2 16	1 17	0 178A	0 205	1 81 B	0 2118	0 B	28
29	0B	0 005B	0 205B	0 617	0 661	2 11	1 05	0 185E	0 208	1 76 B	0 2008	0 B	29
30	0B		0 280B	0 550	0 578	1 92	0 975	0 210E	0 210	1 60 B	0 1758	0 B	30
31	0B		0 305B		0 816		0 882	0 230E		1 50 B		0 B	31
TOTAL	0	0 029	1 555	23 810	17 818	178 77	60 987	15 613	8 584	33 567	17 181	1 035	TOTAL
MEAN	0	0 001	0 050	0 784	0 568	5 89	1 97	0 500	0 285	1 05	0 573	0 033	MEAN
MAX	0	0 005	0 305	1 14	1 12	12 2	2 99	0 878	0 380	2 39	1 40	0 160	MAX
MIN	0	0	0 005	0 370	0 272	1 92	0 882	0 162	0 205	0 243	0 175	0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 883
MAXIMUM DAILY, 12 2 ON JUN 6
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
12 3 AT 06 23 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 50 N
LONG 111 27 35 W
DRAINAGE AREA, 151 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5 270
FEB	2 51	AUG	1 340
MAR	134	SEP	740
APR	2 080	OCT	2 900
MAY	1 520	NOV	1 480
JUN	16 800	DEC	89 4

TOTAL DISCHARGE, 31 000 dam³

PORTER CREEK ABOVE BAPTISTE LAKE - STATION NO 07BE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0318	0 037	0 456	0 159	0 036	0 027	0 089	0 1258	---	1
2	---	---	0 B	0 0308	0 056	0 430	0 130	0 034	0 023	0 087	0 1008	---	2
3	---	---	0 B	0 0288	0 073	0 388	0 119	0 035	0 023	0 093	0 0788	---	3
4	---	---	0 B	0 0268	0 061	0 330	0 103	0 035	0 022	0 093	0 0688	---	4
5	---	---	0 B	0 0268	0 049	0 308	0 097	0 038	0 020	0 088	0 0598	---	5
6	---	---	0 B	0 0298	0 045	0 446	0 288	0 036	0 026	0 083	0 0558	---	6
7	---	---	0 B	0 0358	0 042	0 810	0 380	0 036	0 137	0 083	0 0508	---	7
8	---	---	0 B	0 0458	0 038	0 924	0 388	0 032	0 141	0 080	---	---	8
9	---	---	0 B	0 0418	0 040	0 867	0 348	0 030	0 115	0 078	---	---	9
10	---	---	0 B	0 0398	0 038	1 03	0 309	0 030	0 107	0 077	---	---	10
11	---	---	0 B	0 0368	0 038	0 712	0 263	0 029	0 098	0 077	---	---	11
12	---	---	0 B	0 0438	0 037	0 604	0 287	0 028	0 100	0 083	---	---	12
13	---	---	0 B	0 0438	0 037	0 510	0 328	0 028	0 093	0 098	---	---	13
14	---	---	0 B	0 0428	0 038	0 437	0 303	0 028	0 085	0 102	---	---	14
15	---	---	0 0018	0 0418	0 044	0 389	0 259	0 036	0 080	0 093	---	---	15
16	---	---	0 0018	0 0438	0 049	0 290	0 206	0 033	0 078	0 090	---	---	16
17	---	---	0 0018	0 0388	0 052	0 234	0 164	0 029	0 076	0 106	---	---	17
18	---	---	0 0018	0 0388	0 048	0 189	0 124	0 028	0 073	0 141	---	---	18
19	---	---	0 0018	0 0408	0 046	0 178	0 111	0 029	0 074	0 182	---	---	19
20	---	---	0 0028	0 0388	0 065	0 159	0 103	0 029	0 072	0 159	---	---	20
21	---	---	0 0028	0 0388	0 087	0 140	0 097	0 027	0 077	0 170	---	---	21
22	---	---	0 0058	0 0378	0 073	0 122	0 091	0 026	0 087	0 148	---	---	22
23	---	---	0 0088	0 034	0 099	0 118	0 078	0 024	0 092	0 148	---	---	23
24	---	---	0 0158	0 036	0 215	0 108	0 068	0 024	0 085	0 161	---	---	24
25	---	---	0 0208	0 036	0 213	0 112	0 059	0 023	0 088	0 163	---	---	25
26	---	---	0 0248	0 032	0 217	0 086	0 049	0 021	0 098	0 1838	---	---	26
27	---	---	0 0388	0 033	0 218	0 087	0 049	0 021	0 087	0 2008	---	---	27
28	---	---	0 0288	0 034	0 218	0 083	0 047	0 023	0 083	0 1958	---	---	28
29	---	---	0 0328	0 034	0 201	0 119	0 044	0 022	0 088	0 1608	---	---	29
30	---		0 0368	0 035	0 200	0 201	0 042	0 021	0 089	0 1708	---	---	30
31	---		0 0378		0 276		0 039	0 021		0 1458		---	31
TOTAL	---	---	0 238	1 078	2 935	10 939	5 090	0 888	2 383	3 905	---	---	TOTAL
MEAN	---	---	0 008	0 036	0 095	0 365	0 164	0 029	0 079	0 126	---	---	MEAN
MAX	---	---	0 037	0 045	0 276	1 03	0 388	0 036	0 141	0 200	---	---	MAX
MIN	---	---	0	0 026	0 037	0 083	0 039	0 021	0 020	0 077	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 112
MAXIMUM DAILY, 1 03 ON JUN 10
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
3 15 AT 00 15 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 20 N
LONG 113 34 25 W
DRAINAGE AREA, 57 2 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	440
FEB	---	AUG	76 7
MAR	20 6	SEP	206
APR	93 1	OCT	337
MAY	254	NOV	---
JUN	945	DEC	---

TOTAL DISCHARGE, 2 370 dam³

POTHOLE CREEK AT RUSSELL'S RANCH - STATION NO 05AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 127	0 749	0 685	1 36	0 800	0 489	0 5208	0 0458	1
2	---	---	---	---	0 131	0 680	0 847	1 01	0 896	0 480	0 5108	0 0488	2
3	---	---	---	---	0 108	0 594	0 726	0 874	1 10	0 433	0 5008	0 0808	3
4	---	---	---	---	0 113	0 565	0 384	0 774	1 11	0 447	0 4908	0 0558	4
5	---	---	---	---	0 142	0 677	0 385	0 750	1 12	0 472	0 4808	0 0608	5
6	---	---	---	---	0 161	0 894	0 410	0 815	1 03	0 420	0 4708	0 0658	6
7	---	---	---	---	0 164	0 842	0 344	0 625	1 14	0 395	0 4608	0 0708	7
8	---	---	---	---	0 164	0 766	0 423	0 566	0 818	0 390	0 4508	0 0808	8
9	---	---	---	---	0 229	1 22	0 786	0 590	0 473	0 573	0 4458	0 0908	9
10	---	---	---	---	0 269	1 03	0 653	0 609	0 446	0 482	0 4408	0 0908	10
11	---	---	---	---	0 272	0 812	0 442	0 783	0 373	0 332	0 4308	0 1088	11
12	---	---	---	---	0 380	0 649	0 515	0 787	0 397	0 249	0 4258	---	12
13	---	---	---	---	0 473	0 518	0 451	0 849	0 402	0 201	0 4208	---	13
14	---	---	---	---	0 507	0 583	0 456	0 718	0 396	0 160	0 4108	---	14
15	---	---	---	---	0 379	0 439	0 520	0 686	0 382	0 173	0 4008	---	15
16	---	---	---	---	0 428	0 596	0 616	0 809	0 362	0 1958	0 3908	---	16
17	---	---	---	---	0 527	0 649	0 659	0 824	0 350	0 2108	0 3808	---	17
18	---	---	---	---	0 567	0 737	0 481	0 818	0 368	0 2208	0 3708	---	18
19	---	---	---	---	0 431	0 533	0 421	0 736	0 444	0 2258	0 3608	---	19
20	---	---	---	---	0 434	0 450	0 282	0 696	0 567	0 2328	0 3368	---	20
21	---	---	---	---	0 430	0 638	0 405	0 688	0 685	0 2408	0 3108	---	21
22	---	---	---	---	0 387	1 30	0 484	0 842	0 711	0 2608	0 1408	---	22
23	---	---	---	---	0 384	1 36	0 656	0 553	0 708	0 2708	0 1208	---	23
24	---	---	---	---	0 464	1 22	0 503	0 541	0 622	0 3908	0 0608	---	24
25	---	---	---	0 115A	0 670	0 844	0 446	0 534	0 530	0 8008	0 0508	---	25
26	---	---	---	0 127	0 834	0 879	0 527	0 530	0 442	1 10 B	0 0408	---	26
27	---	---	---	0 115	1 05	0 451	0 583	0 476	0 458	1 20 B	0 0408	---	27
28	---	---	---	0 129	0 931	0 473	0 805	0 443	0 554	1 44 B	0 0408	---	28
29	---	---	---	0 133	0 822	0 421	1 10	0 497	0 485	1 50 B	0 0408	---	29
30	---		---	0 134	0 826	0 314	1 47	0 512	0 498	1 40 B	0 0408	---	30
31	---		---		0 589		1 55	0 576		0 8008		---	31
TOTAL	---	---	---	---	13 323	20 863	18 217	22 031	18 568	16 080	9 555	---	TOTAL
MEAN	---	---	---	---	0 430	0 695	0 620	0 711	0 619	0 518	0 318	---	MEAN
MAX	---	---	---	---	1 05	1 36	1 55	1 36	1 14	1 50	0 520	---	MAX
MIN	---	---	---	---	0 108	0 314	0 282	0 443	0 350	0 160	0 040	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 55 ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 112 49 40 W
DRAINAGE AREA, 772 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	1 900
MAR	---	SEP	1 800
APR	---	OCT	1 390
MAY	1 150	NOV	826
JUN	1 800	DEC	---

POTHOLE TURNOUT NEAR MAGRATH - STATION NO. 05AE038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0 616	0 736	0 881	0 380	0	---	---	1
2	---	---	---	0	0	0 583	0 557	0 849	0 318	0	---	---	2
3	---	---	---	0	0	0 580	0 409	0 850	0 358	0	---	---	3
4	---	---	---	0	0	0 701	0 186	0 833	0 416	0	---	---	4
5	---	---	---	0	0	0 842	0 527	0 833	0 301	0 046	---	---	5
6	---	---	---	0	0	0 888	0 640	0 848	0 262	0 053	---	---	6
7	---	---	---	0	0	0 850	0 702	0 783	0 137	0 069	---	---	7
8	---	---	---	0	0	0 921	0 679	0 720	0 047	0 066	---	---	8
9	---	---	---	0	0	0 838	0 964	0 700	0	0 057	---	---	9
10	---	---	---	0	0	0 695	0 944	0 714	0	0 040	---	---	10
11	---	---	---	0	0	0 568	0 987	0 684	0	0	---	---	11
12	---	---	---	0	0	0 586	1 06	0 179	0	0	---	---	12
13	---	---	---	0	0	0 596	1 07	0 084	0	0	---	---	13
14	---	---	---	0	0	0 558	1 08	0 048	0	0	---	---	14
15	---	---	---	0	0	0 563	1 08	0 055	0	0	---	---	15
16	---	---	---	0	0	0 551	1 08	0 045	0	0	---	---	16
17	---	---	---	0	0	0 535	1 09	0 047	0	0	---	---	17
18	---	---	---	0	0	0 541	1 08	0 040	0	0	---	---	18
19	---	---	---	0	0 067	0 538	1 08	0 022	0	0	---	---	19
20	---	---	---	0	0 161	0 530	1 09	0 013	0	0	---	---	20
21	---	---	---	0	0 195	0 545	1 13	0 011	0	0	---	---	21
22	---	---	---	0	0 370	0 489	1 11	0 113	0	0	---	---	22
23	---	---	---	0	0 482	0 314	1 07	0 302	0	0	---	---	23
24	---	---	---	0	0 555	0 302	1 07	0 257	0	0	---	---	24
25	---	---	---	0	0 598	0 331	1 05	0 281	0	0	---	---	25
26	---	---	---	0	0 587	0 443	0 892	0 295	0	0	---	---	26
27	---	---	0A	0	0 578	0 508	0 798	0 311	0	0	---	---	27
28	---	---	0	0	0 623	0 578	0 818	0 383	0	0	---	---	28
29	---	---	0	0	0 659	0 860	0 897	0 578	0	0	---	---	29
30	---		0	0	0 679	0 840	0 840	0 501	0	0 A	---	---	30
31	---		0		0 672		0 913	0 410		0 E		---	31
TOTAL	---	---	---	0	5 235	18 470	27 889	12 811	2 217	0 331	---	---	TOTAL
MEAN	---	---	---	0	0 201	0 616	0 900	0 407	0 074	0 011	---	---	MEAN
MAX	---	---	---	0	0 679	0 950	1 13	0 861	0 416	0 069	---	---	MAX
MIN	---	---	---	0	0	0 302	0 186	0 011	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 317
MAXIMUM DAILY, 1 13 ON JUL 21
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 37 N
LONG 112 53 52 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 410
FEB	---	AUG	1 090
MAR	---	SEP	192
APR	0	OCT	28 6
MAY	539	NOV	---
JUN	1 600	DEC	---

TOTAL DISCHARGE, 5 860 dam³

PRAIRIE BLOOD COULEE NEAR LETHBRIDGE - STATION NO. 05AD035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	0A	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0A	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 50 N
LONG 112 57 32 W
DRAINAGE AREA, 227 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

PRAIRIE CREEK BELOW LICK CREEK - STATION NO 05DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2578	0.5818	0.552	1.04	0.815	0.389	0.273	0.881	---	---	1
2	---	---	0.2588	0.5548	0.533	0.857	0.755	0.381	0.278	1.07	---	---	2
3	---	---	0.2598	0.4998	0.594	0.755	0.686	0.417	0.273	1.51	---	---	3
4	---	---	0.2608	0.4588	0.891	0.723	0.671	0.419	0.262	2.03	---	---	4
5	---	---	0.2618	0.4678	0.572	1.25	0.670	0.404	0.257	2.19	---	---	5
6	---	---	0.2638	0.4348	0.595	2.15	0.638	0.392	0.845	1.98	---	---	6
7	---	---	0.2648	0.4268	0.678	2.55	0.630	0.484	2.05	1.74	---	---	7
8	---	---	0.2688	0.3788	0.698	6.88	0.598	0.412	1.04	1.63	---	---	8
9	---	---	0.2688	0.3858	0.707	16.1	0.573	0.353	0.885	1.48	---	---	9
10	---	---	0.2708	0.3898	0.881	11.9	0.585	0.322	0.854	1.33	---	---	10
11	---	---	0.2438	0.3778	0.611	7.33	0.522	0.303	0.915	1.22	---	---	11
12	---	---	0.2568	0.4008	0.584	5.48	0.519	0.310	0.933	1.18	---	---	12
13	---	---	0.2598	0.3808	0.567	4.19	0.559	0.348	1.02	1.07	---	---	13
14	---	---	0.2748	0.4878	0.582	3.40	0.575	0.326	1.26	0.990	---	---	14
15	---	---	0.2828	0.628	0.576	2.91	0.511	0.306	1.12	0.940	---	---	15
16	---	---	0.2808	0.906	1.04	2.71	0.470	0.295	0.885	0.912	---	---	16
17	---	---	0.2858	1.02	1.87	2.41	0.453	0.288	0.742	0.859	---	---	17
18	---	---	0.2898	0.934	1.24	2.11	0.437	0.293	0.658	0.834	---	---	18
19	---	---	0.2868	0.908	1.02	2.02	0.424	0.287	0.615	0.880	---	---	19
20	---	---	0.2908	0.895	0.887	1.88	0.479	0.273	0.638	0.955	---	---	20
21	---	---	0.3338	1.07	0.786	1.81	0.515	0.274	1.01	0.878	---	---	21
22	---	---	0.3518	0.982	0.681	1.80	0.500	0.263	1.18	0.836	---	---	22
23	---	---	0.5008	0.854	0.653	1.53	0.449	0.256	1.03	0.825	---	---	23
24	---	---	0.6858	0.731	0.627	1.33	0.412	0.282	0.938	0.875	---	---	24
25	---	---	0.5618	0.671	0.610	1.20	0.401	0.334	0.883	0.884	---	---	25
26	---	---	0.3928	0.610	0.607	1.12	0.421	0.282	0.815	0.907	---	---	26
27	---	---	0.3448	0.585	0.786	1.01	0.464	0.268	0.755	0.8328	---	---	27
28	---	---	0.4238	0.568	0.745	0.988	0.448	0.259	0.770	0.8288	---	---	28
29	---	---	0.3488	0.551	0.667	0.887	0.516	0.247	0.785	0.8228	---	---	29
30	---	---	0.4088	0.578	0.630	0.893	0.465	0.253	0.808	0.8208	---	---	30
31	---	---	0.4848		0.961		0.423	0.268		0.8178	---	---	31
TOTAL	---	---	10.218	18.732	22.872	90.914	16.548	10.029	24.737	35.002	---	---	TOTAL
MEAN	---	---	0.330	0.624	0.731	3.03	0.534	0.324	0.825	1.13	---	---	MEAN
MAX	---	---	0.685	1.07	1.87	16.1	0.815	0.484	2.05	2.19	---	---	MAX
MIN	---	---	0.243	0.377	0.533	0.723	0.401	0.247	0.257	0.817	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.934
MAXIMUM DAILY, 16.1 ON JUN 9
MINIMUM DAILY, 0.2438 ON MAR 11
MAXIMUM INSTANTANEOUS,
17.0 AT 13 50 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 10 N
LONG 115 17 30 W
DRAINAGE AREA, 208 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 430
FEB	---	AUG	867
MAR	883	SEP	2 140
APR	1 620	OCT	3 020
MAY	1 980	NOV	---
JUN	7 850	DEC	---

TOTAL DISCHARGE, 19 800 dam³

PRAIRIE CREEK NEAR ROCKY MOUNTAIN HOUSE - STATION NO 05DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.218	1.378	1.378	2.038	1.60	2.73	2.65	1.65	1.00	2.93	1.448	1.588	1
2	1.218	1.388	1.338	2.068	1.58	3.01	2.59	1.52	1.00	3.04	1.448	1.568	2
3	1.208	1.408	1.348	2.128	1.62	2.71	2.46	1.44	0.988	3.33	1.538	1.548	3
4	1.208	1.418	1.358	2.178	1.66	2.36	2.36	1.40	0.990	3.83	1.698	1.578	4
5	1.198	1.438	1.368	2.238	1.73	2.42	2.29	1.44	1.01	4.60	1.828	1.608	5
6	1.198	1.448	1.378	2.288	1.78	3.46	2.27	1.45	1.55	5.11	1.968	1.648	6
7	1.188	1.448	1.338	7.27	1.91	4.85	2.22	1.60	3.72	4.77	2.118	1.668	7
8	1.188	1.428	1.328	2.39	1.94	6.97	2.17	1.87	5.75	4.31	2.148	1.618	8
9	1.188	1.408	1.298	2.09	1.88	16.3	2.18	1.74	4.36	4.20	2.148	1.568	9
10	1.188	1.388	1.288	2.06	2.15	25.3	2.12	1.50	3.77	3.94	2.138	1.518	10
11	1.188	1.378	1.278	2.11	2.10	20.1	2.02	1.39	3.87	3.72	2.128	1.478	11
12	1.188	1.368	1.258	2.02	1.95	14.4	2.09	1.34	4.63	3.71	2.108	1.428	12
13	1.178	1.358	1.258	1.92	1.85	11.1	2.13	1.38	4.49	3.29	2.088	1.388	13
14	1.178	1.348	1.258	1.93	1.78	9.22	2.08	1.37	4.38	3.24	2.068	1.368	14
15	1.178	1.338	1.258	2.06	1.78	7.71	2.00	1.37	4.37	3.10	2.038	1.328	15
16	1.178	1.328	1.308	2.18	2.18	6.89	1.91	1.34	3.83	2.97	2.018	1.298	16
17	1.178	1.338	1.378	2.81	2.67	6.40	1.86	1.29	3.41	2.84	1.988	1.268	17
18	1.188	1.348	1.468	2.87	4.49	5.85	1.75	1.28	2.93	2.358	1.958	1.328	18
19	1.208	1.378	1.548	2.74	4.01	5.53	1.85	1.22	2.53	2.418	1.928	1.398	19
20	1.238	1.398	1.648	2.65	3.39	5.24	1.78	1.22	2.39	3.308	1.938	1.478	20
21	1.248	1.388	1.758	2.65	3.01	5.08	1.83	1.20	2.98	3.128	1.888	1.468	21
22	1.288	1.388	1.888	2.70	2.80	4.80	2.05	1.26	4.75	2.958	2.018	1.428	22
23	1.318	1.378	1.958	2.80	2.31	4.56	1.96	1.14	4.69	2.788	2.008	1.398	23
24	1.368	1.368	1.948	2.36	2.18	4.41	1.80	1.08	4.39	2.578	1.958	1.368	24
25	1.388	1.358	1.908	2.24	2.12	4.07	1.66	1.08	3.98	2.378	1.918	1.328	25
26	1.368	1.358	1.878	2.07	1.99	3.73	1.58	1.06	3.77	2.138	1.848	1.288	26
27	1.378	1.378	1.848	1.94	2.27	3.43	1.63	1.04	3.34	1.968	1.798	1.248	27
28	1.368	1.388	1.878	1.78	3.23	3.17	1.63	0.986	3.11	1.838	1.738	1.218	28
29	1.358	1.418	1.898	1.68	2.94	2.91	1.81	0.957	2.98	1.738	1.688	1.188	29
30	1.358		1.948	1.63	2.50	2.77	1.77	0.969	2.94	1.638	1.638	1.168	30
31	1.368		1.988		2.48		1.72	0.983		1.538		1.128	31
TOTAL	38.48	39.94	47.71	71.44	71.97	201.61	62.13	40.585	86.209	85.89	57.10	43.66	TOTAL
MEAN	1.24	1.38	1.54	2.38	2.32	6.72	2.00	1.31	3.27	3.08	1.80	1.41	MEAN
MAX	1.38	1.44	1.98	7.27	4.49	25.3	2.65	1.87	5.75	5.11	2.14	1.68	MAX
MIN	1.17	1.32	1.28	1.63	1.58	2.38	1.58	0.957	0.990	1.53	1.44	1.12	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.37
MAXIMUM DAILY, 25.3 ON JUN 10
MINIMUM DAILY, 0.957 ON AUG 29
MAXIMUM INSTANTANEOUS,
28.1 AT 13 54 MST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 20 N
LONG 114 55 50 W
DRAINAGE AREA, 859 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 320	JUL	5 370
FEB	3 450	AUG	3 500
MAR	4 120	SEP	8 490
APR	6 170	OCT	8 270
MAY	8 220	NOV	4 930
JUN	17 400	DEC	3 770

TOTAL DISCHARGE, 75 000 dam³

PUNK CREEK NEAR THE MOUTH - STATION NO. 05AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0048	0.0808	0.008E	0.206	0.001E	0.001E	0.002	0.007	0.0118	---	1
2	---	---	0.0048	0.0988	0.008A	0.289	0.001E	0.001E	0.005	0.007	0.0118	---	2
3	---	---	0.0048	0.1228	0.015	0.223	0.001E	0.001E	0.007	0.005	0.0118	---	3
4	---	---	0.0048	0.1148	0.013	0.189	0.001	0.002	0.013	0.006	0.0118	---	4
5	---	---	0.0048	0.1058	0.018	0.162	0.001	0.038	0.011	0.008	0.0108	---	5
6	---	---	0.0048	0.0968	0.015	0.150	0.016	0.034	0.016	0.005	0.0108	---	6
7	---	---	0.0048	0.0758	0.014	0.251	0.021	0.027	0.026	0.005	0.0108	---	7
8	---	---	0.0048	0.033	0.022	0.265	0.018	0.013	0.021	0.011	0.0108	---	8
9	---	---	0.0048	0.025	0.026	0.200	0.019	0.004	0.026	0.013	---	---	9
10	---	---	0.0048	0.033	0.027	0.161	0.025	0.006	0.026	0.010	---	---	10
11	---	---	0.0048	0.059	0.032	0.134	0.030	0.003	0.028	0.005	---	---	11
12	---	---	0.0048	0.064	0.033	0.133	0.027	0.002	0.030	0.001	---	---	12
13	---	---	0.0048	0.051	0.033	0.157	0.032	0.008	0.028	0.001E	---	---	13
14	---	---	0.0048	0.049	0.040	0.108	0.047	0.015	0.028	0.001	---	---	14
15	---	---	0.0048	0.053	0.054	0.148	0.038	0.027	0.025	0.007	---	---	15
16	---	---	0.0048	0.053	0.038	0.127	0.038	0.027	0.004	0.011	---	---	16
17	---	---	0.0058	0.041	0.074	0.097	0.034	0.015	0.003	0.018	---	---	17
18	---	---	0.0058	0.036	0.112	0.089	0.023	0.008	0.003E	0.027	---	---	18
19	---	---	0.0068	0.051	0.093	0.090	0.017	0.004	0.002E	0.035	---	---	19
20	---	---	0.0078	0.048	0.102	0.089	0.018	0.001	0.001E	0.031	---	---	20
21	---	---	0.0098	0.083	0.130	0.085	0.023	0.001	0.001E	0.0288	---	---	21
22	---	---	0.0108	0.075	0.129	0.082	0.020	0.001	0.002	0.0258	---	---	22
23	---	---	0.0128	0.058	0.114	0.069	0.012	0.001E	0.002	0.0238	---	---	23
24	---	---	0.0158	0.067	0.117	0.044	0.007	0.001E	0.005	0.0218	---	---	24
25	---	---	0.0228	0.039	0.108	0.022	0.002	0.001E	0.007	0.0208	---	---	25
26	---	---	0.0468	0.017	0.101	0.009	0.001	0.001E	0.010	0.0188	---	---	26
27	---	---	0.0798	0.012E	0.095	0.001	0.001	0.001E	0.008	0.0168	---	---	27
28	---	---	0.0618	0.011E	0.091	0.001E	0.002	0.001E	0.006	0.0148	---	---	28
29	---	---	0.0578	0.011E	0.081	0.001E	0.001	0.001	0.005	0.0138	---	---	29
30	---	---	0.0528	0.009E	0.063	0.001E	0.001E	0.002	0.006	0.0128	---	---	30
31	---		0.0588		0.073		0.001	0.001		0.0118		---	31
TOTAL	---	---	0.509	1.686	1.879	3.583	0.479	0.251	0.357	0.414	---	---	TOTAL
MEAN	---	---	0.016	0.056	0.061	0.119	0.015	0.008	0.012	0.013	---	---	MEAN
MAX	---	---	0.079	0.122	0.130	0.289	0.047	0.038	0.030	0.035	---	---	MAX
MIN	---	---	0.004	0.009	0.008	0.001	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.289 ON JUN 2
MINIMUM DAILY, 0.001 ON JUN 27
MAXIMUM INSTANTANEOUS,
0.323 AT 00:57 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 32 20 N
LONG 111 13 40 W
DRAINAGE AREA, 395 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41.4
FEB	---	AUG	21.7
MAR	44.0	SEP	30.8
APR	144	OCT	35.8
MAY	162	NOV	---
JUN	310	DEC	---

TOTAL DISCHARGE, 790 dam³

RACEHORSE CREEK NEAR THE MOUTH - STATION NO. 05AA027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.297	1.02	7.81	3.75	0.820	0.474	0.528	0.3298	---	1
2	---	---	---	0.291	1.12	6.25	3.37	0.802	0.461	0.579	---	---	2
3	---	---	---	0.300	1.18 A	5.81	3.13	0.822	0.446	0.713	---	---	3
4	---	---	---	0.325	1.17 E	5.59	2.88	0.749	0.437	0.882	---	---	4
5	---	---	---	0.357	1.06 E	5.77	3.01	0.762	0.426	0.816	---	---	5
6	---	---	---	0.398	0.990E	5.89	3.51	0.986	0.450	0.556	---	---	6
7	---	---	---	0.387	1.60 E	7.24	2.85	0.772	0.497	0.524	---	---	7
8	---	---	---	0.401	3.00 E	8.90	2.52	0.704	0.481	0.504	---	---	8
9	---	---	---	0.411	3.65 E	10.3	2.34	0.681	0.478	0.482	---	---	9
10	---	---	---	0.422	3.20 E	9.02	2.20	0.645	0.460	0.464	---	---	10
11	---	---	---	0.397	2.90 E	8.24	2.09	0.613	0.473	0.455	---	---	11
12	---	---	---	0.388	2.70 E	7.72	1.94	0.626	0.486	0.463	---	---	12
13	---	---	---	0.384	4.90 E	7.60	1.82	0.625	0.448	0.486	---	---	13
14	---	---	---	0.457	6.60 E	7.71	1.65	0.581	0.439	0.458	---	---	14
15	---	---	---	0.713	7.60 E	8.24	1.52	0.570	0.432	0.448	---	---	15
16	---	---	---	1.41	10.2 E	7.84	1.41	0.565	0.415	0.460	---	---	16
17	---	---	---	3.19	8.00 E	7.09	1.38	0.527	0.398	0.447	---	---	17
18	---	---	---	3.17	5.30 E	6.38	1.30	0.536	0.388	0.403	---	---	18
19	---	---	---	2.91	5.35 E	5.85	1.22	0.535	0.391	0.410	---	---	19
20	---	---	---	2.51	5.80 E	5.39	1.19	0.527	0.433	0.237	---	---	20
21	---	---	---	2.76	5.60 E	6.87	1.18	0.508	0.645	0.272	---	---	21
22	---	---	---	3.32	5.38 E	7.85	1.12	0.507	0.590	0.295	---	---	22
23	---	---	---	3.66	5.18 E	7.13	1.04	0.486	0.538	0.293	---	---	23
24	---	---	---	3.02	5.00 A	6.70	0.980	0.485	0.523	0.315	---	---	24
25	---	---	---	1.63	4.85	6.42	0.981	0.488	0.523	0.338	---	---	25
26	---	---	---	1.50	4.60	5.88	0.980	0.488	0.487	0.355	---	---	26
27	---	---	---	1.23	4.49	5.51	0.941	0.458	0.445	0.275	---	---	27
28	---	---	0.379	1.10	4.64	5.08	0.947	0.583	0.396	0.2858	---	---	28
29	---	---	0.306	0.894	6.66	4.81	0.953	0.509	0.459	0.2968	---	---	29
30	---		0.298	0.976	11.2	4.45	1.04	0.477	0.497	0.3078	---	---	30
31	---		0.301		11.2		0.883	0.477		0.3188		---	31
TOTAL	---	---	---	37.266	146.340	205.92	58.085	18.904	14.018	13.222	---	---	TOTAL
MEAN	---	---	---	1.24	4.72	6.86	1.81	0.610	0.467	0.427	---	---	MEAN
MAX	---	---	---	3.32	11.2	10.3	3.75	0.986	0.645	0.713	---	---	MAX
MIN	---	---	---	0.890	4.45	0.883	0.458	0.368	0.237	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.2 ON MAY 30

MAXIMUM INSTANTANEOUS,
15.0 AT 20:27 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 18 N
LONG 114 25 05 W
DRAINAGE AREA, 217 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 850
FEB	---	AUG	1 630
MAR	---	SEP	1 210
APR	3 220	OCT	1 140
MAY	12 800	NOV	---
JUN	17 800	DEC	---

RAM RIVER NEAR THE MOUTH - STATION NO 05DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 748	3 388	3 228	2 948	5 37	114	23 0	10 1	7.24	11 2	11.3 B	4.758	1
2	2 778	3.378	3.128	2.988	5 66	122	18 1	11.5	7.24	12 1	10 0 B	4 208	2
3	2 818	3.368	3.018	3.028	5 78	124	16 6	11 5	7.21	16 1	9 958	3.608	3
4	3 508	3 388	2.958	3 118	5 83	124	15 4	11.2	7 16	20 3	10 5 B	4.008	4
5	3 168	3.428	2.878	3 218	5.89	119	15 8	10 8	7 11	24 3	11 3 B	5.458	5
6	3 128	3 428	2 968	3 368	5.91	100	18 8	11 8	8.24	22 7	11 4 B	6 858	6
7	3 278	3 418	2.928	3.658	6 08	95 0	16 3	10 4	20 6	20 2	11 3 B	6 908	7
8	3 378	3 398	2 898	4 028	6.41	75 0	14 8	9 51	12.1	19 3	11 0 B	6 408	8
9	3 388	3 368	2 888	4 538	7.30	69 9	14 0	9 04	10 9	22 2	10 6 B	5 758	9
10	3 368	3 338	2.848	4 988	7.03	81 0	13 8	8 88	11 1	19 0	10.2 B	5 058	10
11	3 348	3 308	2 798	5 408	6 75	70 7	14 0	8 83	11 8	16 5	9 858	4 558	11
12	3 328	3 278	2 738	5 628	6 59	69 5	14 8	8 67	12 5	17 0	9 158	3 818	12
13	3 318	3 228	2 688	5 398	6 78	69 0	15 6	8 86	13 5	17 3	8 658	3 458	13
14	3 278	3 208	2 678	4 78	7 25	58 0	15 8	8 64	13 6	16 0	8 208	3 058	14
15	3 218	3 148	2 698	4 79	7 73	57 0	14 0	8 31	12 6	16 2	7 858	2 758	15
16	3 308	3 128	2 768	5 50	10 2	50 2	13 8	8 08	12 2	23.1	7 808	2 758	16
17	3 378	3 158	2.828	6 92	13 8	42.2	13 5	7 77	12 2	28.3	7 898	3 208	17
18	3 448	3 258	2 868	7 81	14 5	34 4	13 0	7 98	20 7	30 0	7 908	4 158	18
19	3 478	3 508	2 878	8 68	13 0	31 1	12 3	7 27	19 6	29 1	7 148	5 558	19
20	3 478	3 708	2 838	8 69	12 8	28 9	11 9	7 84	17 0	28 8	6 908	7 058	20
21	3 458	3 888	2 828	7 80	11 3	28 6	12 0	7 40	15 8	28 5	7 458	6 508	21
22	3 418	3 538	2 838	7 03	10 1	27 3	11 7	7 30	15 0	27 1	8 008	5 758	22
23	3 388	3 318	2 888	6 41	9 83	31 2	10 8	7 23	13 3	25 0	8 958	5 058	23
24	3 328	3 118	2 908	8 02	9 40	32 3	10 3	7 38	12 3	25 5	8 008	4 408	24
25	3 288	2 928	2.918	8.58	8.93	30.2	10.2	7 38	12 0	24 5	7 008	3 808	25
26	3 278	3 018	2 908	8 30	8 89	27 5	10 5	7 28	11 3	23.5	6 008	3 708	26
27	3 278	3 208	2 888	8 21	9 08	29 5	11.2	7 22	10 7	21 0	4 858	3 708	27
28	3 308	3 298	2 868	8 32	9 02	28 5	11 1	7 78	10 8	18 3	4 508	3 788	28
29	3 358	3 288	2 858	8 32	9 12	35 0	10 8	7 53	10 4	16.5	4 758	3 758	29
30	3 418		2 908	8 23	24 5	37 8	10 4	7 35	10 7	14 0	4 808	3 658	30
31	3 418		2 918		85 1		10 3	7 33		12.88		3 258	31
TOTAL	101 83	95 01	89 21	156 58	355 13	1 865.8	426 2	268 18	368 70	646 3	253 59	140 57	TOTAL
MEAN	3 28	3 31	2 88	5 22	11 5	62 2	13 7	8 65	12 3	20 8	8 45	4 53	MEAN
MAX	3 50	3 70	3 22	8 92	85 1	124	23 0	11 8	20 7	30 0	11 4	7 05	MAX
MIN	2 74	2 92	2 67	2 94	5 37	27 3	10 2	7 22	7 11	11 2	4 58	2 75	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13 0
MAXIMUM DAILY, 124 ON JUN 3
MINIMUM DAILY, 2 678 ON MAR 14
MAXIMUM INSTANTANEOUS,
125 AT 22 16 MST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 55 N
LONG 115 25 33 W
DRAINAGE AREA, 1 860 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 800	JUL	36 800
FEB	8 300	AUG	23 200
MAR	7 710	SEP	31 900
APR	13 500	OCT	55 800
MAY	30 700	NOV	21 900
JUN	161 000	DEC	12 100

TOTAL DISCHARGE, 412 000 dam³

RAT CREEK NEAR CYNTHIA - STATION NO 07BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 4088	0 7818	1 83	4 15	1 29 E	0 363	0 436	4 88	---	---	1
2	---	---	0 5008	0 9248	1 86	4 01	1 18 E	0 322	0 418	4 83	---	---	2
3	---	---	0 5928	0 8968	1 93	3 69	1 11 E	0 347	0 418	4 53	---	---	3
4	---	---	0 5378	0 8648	3 26	3 38	1 04	0 311	0 417	4 23	---	---	4
5	---	---	0 3888	0 8058	5 48	3 16	0 943	0 300	0 393	3 80	---	---	5
6	---	---	0 4748	0 7888	8 12	3 08	0 887	0 350	0 481	3 43	---	---	6
7	---	---	0 4588	0 9008	8 45	3 12	0 844	0 321	0 997	3 17	---	---	7
8	---	---	0 3698	1 30 B	8 19E	4 57	0 786	0 291	2 86	3 00	---	---	8
9	---	---	0 3528	1 60 B	7 50E	6 83	0 754	0 288	2 72	2 83	---	---	9
10	---	---	0 4218	1 75 B	6 84E	6 58	0 694	0 255	2 77	2 67	---	---	10
11	---	---	0 4248	1 85 B	6 21E	5 63	0 619	0 284	3 45	2 54	---	---	11
12	---	---	0 3608	1 90 B	5 60E	5 10	0 559	0 288	4 08	2 43	---	---	12
13	---	---	0 3168	1 95 B	4 95E	4 86	0 611	0 522	4 98	2 34	---	---	13
14	---	---	0 2658	1 97 B	4 45E	4 76	0 717	0 616	5 08	2 23	---	---	14
15	---	---	0 2378	1 99 B	4 08	4 51	0 683	0 530	4 82	2 15	---	---	15
16	---	---	0 2168	2 15	4 78	4 15	0 566	0 459	4 39	2 11	---	---	16
17	---	---	0 2208	2 37	8 74	3 72	0 495	0 434	3 86	2 09	---	---	17
18	---	---	0 2018	2 44	12 5	3 39	0 462	0 480	3 45	2 02	---	---	18
19	---	---	0 2208	2 44	11 7	3 17	0 395	0 432	3 32	1 988	---	---	19
20	---	---	0 2638	2 53	9 21	3 06	0 432	0 388	3 35	1 958	---	---	20
21	---	---	0 2778	2 76	7 70	2 91	0 517	0 394	5 38	1 948	---	---	21
22	---	---	0 3318	2 62	8 44	2 69	0 614	0 405	9 88	1 928	---	---	22
23	---	---	0 4408	2 53	5 82	2 57	0 582	0 388	12 2	1 928	---	---	23
24	---	---	0 5508	2 44	5 70	2 54	0 617	0 388	12 2	1 918	---	---	24
25	---	---	0 5608	2 37	6 15	2 32E	0 553	0 406	10 6	1 908	---	---	25
26	---	---	0 6108	2 30	5 67	2 07E	0 420	0 517	8 92	1 878	---	---	26
27	---	---	0 7458	2 29	5 26	1 87E	0 359	0 585	7 56	1 848	---	---	27
28	---	0 2508	0 6508	2 26	4 84	1 70E	0 318	0 536	6 48	1 808	---	---	28
29	---	0 3248	0 7118	2 15	4 55	1 54E	0 278	0 500	5 76	1 758	---	---	29
30	---		0 5858	2 04	4 32	1 41E	0 404	0 481	5 25	1 728	---	---	30
31	---		0 5698		4 10		0 372	0 458		1 688		---	31
TOTAL	---	---	13 486	55 951	187 24	108 32	20.013	12 517	136 697	78 88	---	---	TOTAL
MEAN	---	---	0 435	1 87	6 04	3.54	0 646	0 404	4 56	2 57	---	---	MEAN
MAX	---	---	0 850	2 76	12 5	6 83	1 29	0 616	12.2	4 88	---	---	MAX
MIN	---	---	0 201	0 761	1 86	1 41	0 278	0 255	0 393	1 68	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 50
MAXIMUM DAILY, 12 5 ON MAY 16
MINIMUM DAILY, 0 2018 ON MAR 16
MAXIMUM INSTANTANEOUS,
13.1 AT 21:16 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 17 N
LONG 115 29 17 W
DRAINAGE AREA, 806 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 730
FEB	---	AUG	1 080
MAR	1 170	SEP	11 800
APR	4 830	OCT	6 880
MAY	16 200	NOV	---
JUN	9 190	DEC	---

TOTAL DISCHARGE, 52 900 dam³

RAVEN RIVER NEAR RAVEN - STATION NO. OSCE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9408	1.138	1.168	1.368	1.23	1.58	1.02	1.14	0.874	1.18	1.10 B	0.6208	1
2	0.9658	1.128	1.158	1.288	1.23	1.43	0.953	1.05	0.917	1.17	1.02 B	0.5658	2
3	0.9928	1.118	1.138	1.268	1.48	1.28	0.944	1.28	0.962	1.18	0.9858	0.5658	3
4	1.03 B	1.118	1.138	1.288	1.58	1.18	0.938	1.33	0.886	1.20	0.9308	0.6408	4
5	1.04 B	1.108	1.148	1.438	1.48	1.27	0.840	1.28	0.877	1.22	0.8808	0.7158	5
6	1.06 B	1.108	1.188	1.568	1.40	1.55	0.919	1.30	1.31	1.22	0.8558	0.8058	6
7	1.07 B	1.108	1.208	1.678	1.43	1.83	1.05	1.31	2.38	1.14	0.8758	0.9008	7
8	1.08 B	1.108	1.258	1.818	1.47	3.10	1.10	1.28	2.43	1.12	0.9108	0.8958	8
9	1.10 B	1.108	1.288	2.08	1.48	5.70	1.07	1.18	2.12	1.00	0.8758	0.8758	9
10	1.07 B	1.108	1.318	1.97	1.47	7.12	1.03	1.07	1.78	0.941	0.8158	0.8458	10
11	1.04 B	1.108	1.208	1.98	1.38	5.91	0.939	1.05	1.52	0.886	0.8358	0.8058	11
12	1.05 B	1.108	1.288	1.87	1.33	4.11	0.907	1.01	1.39	0.891	0.8908	0.7888	12
13	1.10 B	1.108	1.278	1.78	1.28	3.02	0.977	1.03	1.32	0.856	0.8888	0.7508	13
14	1.14 B	1.098	1.253	1.76	1.30	2.33	1.02	1.05	1.53	0.813	0.8958	0.7158	14
15	1.14 B	1.088	1.248	1.91	1.41	1.98	0.972	1.06	1.38	0.918	0.9758	0.6858	15
16	1.12 B	1.098	1.318	2.02	1.72	1.75	1.06	1.03	1.34	0.8258	0.9708	0.6708	16
17	1.11 B	1.078	1.388	2.13	2.35	1.64	0.895	0.987	1.22	0.7408	0.9658	0.7508	17
18	1.11 B	1.098	1.378	2.06	2.27	1.88	0.832	0.862	1.17	0.6608	1.04 B	0.8558	18
19	1.13 B	1.108	1.408	1.98	2.05	1.87	0.932	0.951	0.957	0.5758	1.17 B	0.9808	19
20	1.13 B	1.108	1.518	1.88	1.82	1.78	1.01	0.978	0.884	0.5458	1.22 B	1.03 B	20
21	1.12 B	1.098	1.648	1.85	1.67	1.71	1.37	0.957	1.67	0.7008	1.16 B	1.02 B	21
22	1.11 B	1.088	1.768	1.88	1.53	1.81	1.68	0.981	2.28	1.00 B	1.06 B	0.9858	22
23	1.10 B	1.078	1.888	1.77	1.45	1.61	1.57	0.945	2.38	1.38 B	0.9958	0.9258	23
24	1.10 B	1.068	2.018	1.67	1.45	1.31	1.35	0.948	2.08	1.49 B	0.9658	0.8958	24
25	1.10 B	1.048	2.068	1.68	1.49	1.24	1.29	0.944	1.78	1.48 B	1.00 B	0.8708	25
26	1.11 B	1.058	2.088	1.50	1.41	1.18	.07	0.986	1.58	1.41 B	0.9758	0.8308	26
27	1.11 B	1.088	2.078	1.44	1.62	1.14	1.02	0.950	1.45	1.34 B	0.9058	0.8008	27
28	1.10 B	1.128	2.018	1.34	1.77	1.02	.11	0.886	1.30	1.31 B	0.8508	0.7858	28
29	1.09 B	1.158	1.938	1.29	1.62	1.07	1.17	0.789	1.21	1.24 B	0.7708	0.7458	29
30	1.11 B		1.888	1.35	1.48	1.74	1.21	0.752	1.26	1.18 B	0.6858	0.7208	30
31	1.13 B		1.488		1.50		1.26	0.780		1.14 B		0.7258	31
TOTAL	33.607	31.73	45.74	50.84	48.10	44.74	33.548	32.246	44.317	32.730	28.478	24.713	TOTAL
MEAN	1.08	1.09	1.48	1.69	1.55	2.16	1.08	1.04	1.48	1.05	0.949	0.797	MEAN
MAX	1.14	1.15	2.06	2.13	2.35	7.12	1.68	1.33	2.43	1.49	1.22	1.03	MAX
MIN	0.940	1.04	1.13	1.26	1.23	.04	0.832	0.752	0.874	0.545	0.685	0.585	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 7.12 ON JUN 10
MINIMUM DAILY, 0.5458 ON OCT 20
MAXIMUM INSTANTANEOUS,
7.22 AT 14 13 MST ON JUN 10

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 20 N
LONG 114 28 35 W
DRAINAGE AREA, 647 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 900	JUL	2 900
FEB	2 740	AUG	2 780
MAR	3 950	SEP	3 830
APR	4 390	OCT	2 830
MAY	4 160	NOV	2 460
JUN	5 590	DEC	2 140

TOTAL DISCHARGE, 40 700 dam³

RAY CREEK NEAR INNISFAIL - STATION NO. OSCE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.038	0.001	0.005	0	0	0	0	---	---	1
2	---	---	0 B	0.031	0.001	0.005	0	0	0	0	---	---	2
3	---	---	0 B	0.025	0.001	0.003	0	0	0	0	---	---	3
4	---	---	0 B	0.028	0.010	0.001	0	0	0	0	---	---	4
5	---	---	0 B	0.021	0.090	0.001	0	0	0	0	---	---	5
6	---	---	0 B	0.014	0.087	0.001	0	0	0	0	---	---	6
7	---	---	0 B	0.026	0.057	0.002	0	0	0	0	---	---	7
8	---	---	0 B	0.028	0.028	0.008	0	0	0	0	---	---	8
9	---	---	0 B	0.021	0.016	0.036	0	0	0	0	---	---	9
10	---	---	0 B	0.018	0.011	0.088	0	0	0	0	---	---	10
11	---	---	0 B	0.018	0.008	0.089	0	0	0	0	---	---	11
12	---	---	0 B	0.013	0.006	0.061	0	0	0	0	---	---	12
13	---	---	0 B	0.008	0.007	0.024	0	0	0	0	---	---	13
14	---	---	0 B	0.004	0.005	0.009	0	0	0	0	---	---	14
15	---	---	0 B	0.003	0.004	0.005	0	0	0	0	---	---	15
16	---	---	0 B	0.003	0.005	0.002	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0.008	0.002	0	0	0	0	---	---	17
18	---	---	0 B	0.003	0.006	0.002	0	0	0	0	---	---	18
19	---	---	0 B	0.004	0.004	0.003	0	0	0	0	---	---	19
20	---	---	0 B	0.005	0.004	0.003	0	0	0	0	---	---	20
21	---	---	0 B	0.004	0.002	0	0	0	0	0	---	---	21
22	---	---	0.0808	0.018	0.001	0	0	0	0	0	---	---	22
23	---	---	0.1148	0.011	0	0	0	0	0	0	---	---	23
24	---	---	0.1738	0.007	0.001	0	0	0	0	0	---	---	24
25	---	---	0.1068	0.008	0.003	0	0	0	0	0	---	---	25
26	---	---	0.0788	0.004	0.005	0	0	0	0	0	---	---	26
27	---	---	0.078	0.003	0.007	0	0	0	0	0	---	---	27
28	---	---	0.056	0.002	0.013	0	0	0	0	0	---	---	28
29	---	---	0.051	0.001	0.013	0	0	0	0	0	---	---	29
30	---		0.045	0.001	0.007	0	0	0	0	0	---	---	30
31	---		0.043		0.005		0	0		0		---	31
TOTAL	---	---	0.802	0.370	0.419	0.358	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.026	0.012	0.014	0.012	0	0	0	0	---	---	MEAN
MAX	---	---	0.173	0.035	0.090	0.088	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.1738 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 03 N
LONG 113 35 55 W
DRAINAGE AREA, 42.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	69.3	SEP	0
APR	32.0	OCT	0
MAY	38.2	NOV	---
JUN	30.8	DEC	---

TOTAL DISCHARGE, 188 dam³

RED DEER RIVER ABOVE PANTHER RIVER - STATION NO 05CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2 65	2 67	19 2	34 0	20 1	12 1	9 05	---	---	1
2	---	---	---	2 63	2 73	13 9	25 3	21 1	11 5	8 93	---	---	2
3	---	---	---	2 63	2 74	13 5	20 7	23 1	10 7	9 13	---	---	3
4	---	---	---	2 64	2 74	11 7	19 8	22 8	10 2	9 61	---	---	4
5	---	---	---	2 66	2 82	11 8	20 4	24 6	9 86	9 96	---	---	5
6	---	---	---	2 67	3 08	16 6	23 8	25 1	11 3	9 42	---	---	6
7	---	---	---	2 62	3 13	17 0	20 0	22 5	11 8	8 88	---	---	7
8	---	---	---	2 60	3 29	21 9	15 8	18 8	10 6	9 12	---	---	8
9	---	---	---	2 57	3 49	19 8	15 1	20 5	10 3	9 77	---	---	9
10	---	---	---	2 56	3 45	15 8	14 4	22 7	10 2	9 82	---	---	10
11	---	---	---	2 54	3 33	21 1	16 6	23 0	10 1	9 52	---	---	11
12	---	---	---	2 54	3 29	29 4	18 8	21 7	10 6	9 38	---	---	12
13	---	---	---	2 51	3 38	35 2	18 9	23 3	10 5	9 10	---	---	13
14	---	---	---	2 49	3 75	37 1	18 1	19 5	10 2	8 78	---	---	14
15	---	---	---	2 56	4 72	42 5	17 3	17 3	9 87	8 46	---	---	15
16	---	---	---	3 04	5 52	38 1	16 2	17 3	9 71	8 32	---	---	16
17	---	---	---	3 84	6 34	32 4	18 8	17 9	10 6	7 88	---	---	17
18	---	---	---	4 10	5 80	23 4	20 9	18 7	13 7	7 61	---	---	18
19	---	---	---	3 78	5 86	18 8	20 6	17 9	15 6	7 38	---	---	19
20	---	---	---	3 78	6 54	18 0	19 3	14 4	14 1	7 25	---	---	20
21	---	---	---	3 91	6 05	18 9	17 5	12 8	13 6	6 90	---	---	21
22	---	---	---	3 73	5 54	17 6	14 9	13 8	12 5	6 78	---	---	22
23	---	---	---	3 38	5 36	20 9	13 5	14 7	11 6	6 57	---	---	23
24	---	---	---	3 32	5 11	26 7	13 8	14 6	10 8	6 52	---	---	24
25	---	---	---	3 22	4 97	26 5	15 1	14 5	10 8	6 34	---	---	25
26	---	---	---	3 04	4 81	26 6	17 0	13 4	10 2	6 13	---	---	26
27	---	---	2 68A	2 89	4 90	29 9	19 9	23 2	9 38	5 86	---	---	27
28	---	---	2 72	2 80	5 09	32 5	21 3	21 2	9 14	5 368	---	---	28
29	---	---	2 71	2 71	7 45	51 1	21 3	16 3	9 09	5 178	---	---	29
30	---		2 68	2 65	29 2	54 9	20 4	13 9	9 07	4 888	---	---	30
31	---		2 66		39 7		20 2	12 7		4 708		---	31
TOTAL	---	---	---	89 07	196 25	764 4	593 5	584 4	329 49	242 54	---	---	TOTAL
MEAN	---	---	---	2 97	6 40	25 5	19 1	18 9	11 0	7 82	---	---	MEAN
MAX	---	---	---	4 10	39 7	54 9	34 0	25 1	15 6	9 96	---	---	MAX
MIN	---	---	---	2 49	2 67	11 6	13 5	12 7	9 07	4 70	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13 1
MAXIMUM DAILY, 54 9 ON JUN 30
MINIMUM DAILY, 2 49 ON APR 14
MAXIMUM INSTANTANEOUS,
71 3 AT 02 34 MST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 33 N
LONG 115 24 23 W
DRAINAGE AREA, 943 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	51 300
FEB	---	AUG	50 500
MAR	---	SEP	26 500
APR	7 700	OCT	21 000
MAY	17 100	NOV	---
JUN	66 000	DEC	---

TOTAL DISCHARGE, 242 000 dam³

RED DEER RIVER AT DRUMHELLER - STATION NO 05CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15 28	16 88	17 08	47 18	19 9	52 1	14 8A	27 5	29 8	31 6	7 508	15 08	1
2	15 88	16 58	17 08	56 48	20 1	46 8	14 8A	31 7	29 0	30 6	8 008	14 78	2
3	15 88	16 88	19 48	61 78	20 4	34 8	14 8A	33 5	24 8	30 2	8 208	14 08	3
4	16 38	16 88	19 28	58 7	27 6	32 4	14 8A	35 9	21 9	29 5	8 508	13 88	4
5	16 68	16 98	19 28	59 5	36 4	27 2	14 5A	29 3	18 2	29 0	8 808	13 48	5
6	16 78	16 68	19 88	62 0	35 1	25 8	14 3A	25 3	17 8	25 5	9 008	13 08	6
7	16 98	16 68	18 48	68 7	34 4	24 6	14 0E	30 4	35 2	23 3	9 408	13 28	7
8	17 18	16 18	17 28	52 9	36 5	26 7	13 0E	35 7	21 7	23 5	9 708	13 58	8
9	17 78	16 08	16 68	45 2	42 4	33 2	12 0E	35 2	23 7	22 9	10 3 8	15 08	9
10	17 58	15 78	16 28	36 9	43 0	28 5	13 2E	35 1	25 3	24 1	10 7 8	14 38	10
11	17 48	16 88	16 08	32 6	42 1	28 9	12 6E	35 2	25 4	26 6	11 5 8	16 88	11
12	17 38	17 48	16 18	29 6	39 7	40 6	13 0E	26 6	26 5	29 0	12 2 8	17 08	12
13	17 28	17 78	15 38	26 6	37 7	44 1	18 7E	21 9	26 5	29 2	13 0 8	16 48	13
14	17 18	17 48	12 08	27 0	36 7	41 8	26 0E	22 2	25 4	29 3	14 0 8	15 48	14
15	17 08	17 38	12 18	25 4	36 0	38 4	15 6E	25 6	25 1	29 0	14 8 8	14 88	15
16	16 88	17 48	11 98	24 9	35 5	35 1	15 4E	26 5	25 0	28 7	15 5 8	14 28	16
17	16 38	17 18	13 38	23 9	36 1	32 3A	16 7E	26 4	24 0	28 6	16 2 8	13 88	17
18	16 08	16 48	12 48	25 2	36 0	29 7A	16 8E	26 5	23 7	25 7	16 6 8	13 58	18
19	15 58	16 78	14 98	27 4	55 7	28 7A	16 7E	27 8	23 1	24 2 8	17 0 8	13 48	19
20	15 08	16 68	20 18	25 3	72 0	30 3A	16 0A	28 1	24 8	20 8 8	17 3 8	13 28	20
21	15 38	16 88	21 88	24 9	76 0	29 3A	16 5	27 5	41 9	23 5 8	17 4 8	13 28	21
22	16 38	17 68	24 78	24 1	65 6	30 4A	16 0	26 7	43 9	23 6 8	17 5 8	13 18	22
23	16 08	16 18	24 78	23 4	62 0	29 0A	17 0	26 5	37 4	20 5 8	17 6 8	13 28	23
24	16 78	16 48	25 78	23 0	59 9	25 7A	16 2	23 9	32 5	19 6 8	17 6 8	13 48	24
25	16 78	17 98	27 88	23 0	56 5	24 1A	15 0	16 2	46 4	18 7 8	17 5 8	13 58	25
26	17 48	17 88	28 08	22 8	53 1	24 4A	17 9	15 5	35 0	18 6 8	17 4 8	13 68	26
27	17 58	17 48	28 08	22 1	52 0	20 3A	23 4	15 2	33 9	14 7 8	17 0 8	13 78	27
28	17 78	17 08	26 28	21 9	53 9	20 1A	23 5	15 1	34 7	14 2 8	16 4 8	13 98	28
29	17 98	16 58	25 68	21 3	51 7	17 1A	26 4	14 9	33 9	9 808	16 1 8	14 08	29
30	17 38		31 68	21 1	49 9	15 2A	29 4	17 4	32 7	7 528	15 8 8	14 28	30
31	17 38		45 18		51 9		23 5	18 6		7 708		14 48	31
TOTAL	516 3	493 4	633 1	1 046 8	1 376 8	922 9	534 0	807 2	870 9	732 72	408 70	440 3	TOTAL
MEAN	16 7	17 0	20 4	34 9	44 5	30 8	17 2	26 0	29 0	23 3	13 6	14 2	MEAN
MAX	17 8	18 4	45 1	68 7	76 0	52 1	29 4	35 9	46 4	31 6	17 6	17 0	MAX
MIN	15 0	15 7	11 9	21 1	19 9	15 2	12 0	14 9	17 8	7 52	7 90	13 0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24 0
MAXIMUM DAILY, 76 0 ON MAY 21
MINIMUM DAILY, 7 528 ON OCT 30
MAXIMUM INSTANTANEOUS,
104 AT 04 30 MST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 08 N
LONG 112 42 30 W
DRAINAGE AREA, 24 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 600	JUL	46 100
FEB	42 800	AUG	69 700
MAR	54 700	SEP	75 200
APR	80 400	OCT	62 400
MAY	119 000	NOV	35 300
JUN	79 700	DEC	38 000

TOTAL DISCHARGE, 758 000 dam³

RED DEER RIVER AT RED DEER - STATION NO. 05CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17 4B	14 7B	17 6B	31 9	16 5	33 7	14 2E	34 9	24 2	27 9	12 4B	13 0B	1
2	17 8B	14 8B	17 5B	31 5	25 2	30 5	12 3E	35 6	18 7	27 6	12 0B	12 9B	2
3	17 5B	15 0B	17 6B	30 8	29 2	22 0	12 8A	27 9	16 5	26 5	12 2B	12 8B	3
4	17 1B	14 7B	16 9B	32 3	30 0	21 0	12 9	27 2	15 6	21 6	12 6B	12 9B	4
5	17 3B	14 7B	16 5B	32 8	27 9	20 3	12 9	27 2	15 1	21 1	13 2B	13 1B	5
6	16 9B	14 6B	16 3B	34 0	29 3	20 8	12 7	42 0	18 1	21 4	14 0B	13 6B	6
7	16 6B	14 8B	14 5B	31 0	33 5	20 4	12 5	41 4	22 0	21 3	14 6B	14 4B	7
8	16 6B	15 2B	14 5B	29 2	34 4	22 8	11 2	41 3	20 8	24 5	15 2B	15 2B	8
9	16 0B	16 9B	14 2B	25 7	34 4	24 5	10 5	39 7	21 5	28 6	16 0B	15 0B	9
10	15 5B	16 9B	13 9B	23 7	34 0	33 6	11 7	25 8	21 0	28 6	16 4B	14 5B	10
11	14 9B	16 9B	11 4B	22 5	33 1	38 4	11 0	23 3	21 7	28 5	16 5B	14 2B	11
12	15 3B	16 9B	11 4B	22 5	32 2	37 5	17 1	25 6	22 3	28 9	16 6B	13 9B	12
13	15 2B	16 9B	11 3B	20 6	31 2	35 0	24 7	27 6	22 6	28 6	16 8B	13 5B	13
14	14 8B	17 1B	12 8B	19 2	31 4	30 4	14 5	26 5	22 4	28 2	16 8B	13 2B	14
15	15 0B	16 9B	11 4B	18 7	34 0	26 5	14 0	28 0	22 1	27 6	16 8B	13 0B	15
16	15 3B	17 4B	12 6B	18 4	31 0	23 6	13 8	28 4	21 9	23 3	16 7B	13 0B	16
17	14 9B	16 9B	16 0B	18 8	48 7	22 6	15 1	28 1	22 0	19 0	16 6B	12 9B	17
18	15 2B	14 7B	15 7B	19 2	62 5	22 2	15 3	28 1	24 2	20 6	16 6B	12 9B	18
19	15 6B	15 1B	15 1B	19 7	74 0	22 6	15 1	28 7	24 6	20 4	16 5B	12 9B	19
20	14 8B	15 3B	16 1B	19 4	74 3	21 6	15 7	26 9	25 6	19 6	16 5B	12 8B	20
21	16 1B	15 7B	17 8B	16 6	68 7	21 2	15 7	26 1	27 7	19 1	16 4B	12 8B	21
22	15 2B	15 1B	16 2B	16 7	67 1	19 7	14 5	16 6	27 8	18 5	16 1B	12 8B	22
23	15 7B	14 6B	15 2	16 9	63 9	18 2	14 7	14 0	51 4	18 1	15 8B	12 9B	23
24	15 3B	14 6B	22 6	16 9	54 2	16 3	22 2	14 2	26 3	18 5	15 6B	12 9B	24
25	15 0B	14 9B	22 2	19 0	50 6	18 2	22 4	15 2	26 3	19 1	15 2B	13 0B	25
26	14 6B	15 2B	22 7	16 3	49 3	16 3	22 3	15 0	29 6	19 0	14 8B	13 1B	26
27	14 8B	14 7B	22 6	16 3	50 1	15 7	22 5	17 6	30 0	18 4	14 4B	13 2B	27
28	14 8B	14 8B	26 5	17 7	51 3	14 9	22 9	16 6	29 4	19 4	14 0B	13 2B	28
29	15 0B	17 2B	31 7	17 5	53 2	14 6	23 5	24 9	28 7	18 9	13 6B	13 2B	29
30	14 5B		31 6	17 0	53 7	14 2	33 0	31 6	28 2	16 0B	13 3B	13 3B	30
31	14 7B		33 1		54 6		35 0	25 9		13 6B		13 4B	31
TOTAL	485 4	453 4	560 7	684 8	1 364 7	701 5	526 8	846 7	733 0	692 3	454 2	413 5	TOTAL
MEAN	15 7	15 6	18 1	22 8	44 0	23 4	17 1	27 3	24 4	22 3	15 1	13 3	MEAN
MAX	17 6	17 4	33 1	34 0	74 3	38 4	35 0	42 0	51 4	28 9	16 6	15 2	MAX
MIN	14 5	14 6	11 3	17 0	16 5	14 2	10 5	14 0	15 1	13 6	12 0	12 8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21 6
MAXIMUM DAILY, 74 3 ON MAY 20
MINIMUM DAILY, 10 5 ON JUL 9
MAXIMUM INSTANTANEOUS,
79 5 AT 03 46 MST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 36 N
LONG 113 48 57 W
DRAINAGE AREA, 11 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 900	JUL	45 700
FEB	39 200	AUG	73 200
MAR	48 400	SEP	63 300
APR	59 200	OCT	59 800
MAY	118 000	NOV	39 200
JUN	60 600	DEC	35 700

TOTAL DISCHARGE, 684 000 dam³

RED DEER RIVER AT SUNDRE - STATION NO. 05CA010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 701	0 732	1 313	---	---	1 114	---	---	1
2	---	---	---	---	0 710	0 988	1 281	1 183	0 955	1 108	---	---	2
3	---	---	---	---	0 722	1 042	1 285	1 112	0 935	1 216	---	---	3
4	---	---	---	---	0 682	1 264	1 183	1 141	0 921	1 192	---	---	4
5	---	---	---	---	0 690	1 440	1 143	1 179	1 023	1 230	---	---	5
6	---	---	---	---	0 728	1 548	---	1 213	0 981	1 290	---	---	6
7	---	---	---	---	0 732	1 482	---	1 155	1 003	---	---	---	7
8	---	---	---	---	0 740	1 498	1 085	1 093	1 085	1 282	---	---	8
9	---	---	---	---	0 828	1 542	1 089	1 191	1 109	---	---	---	9
10	---	---	---	---	0 864	1 404	1 059	1 161	1 145	1 300	---	---	10
11	---	---	---	---	---	---	---	1 119	1 223	1 304	---	---	11
12	---	---	---	---	---	1 484	---	1 077	1 187	1 346	---	---	12
13	---	---	---	---	---	1 504	1 143	1 137	---	---	---	---	13
14	---	---	---	---	---	1 530	1 141	1 081	---	---	---	---	14
15	---	---	---	---	---	---	1 148	1 125	---	---	---	---	15
16	---	---	---	---	---	---	---	1 191	1 220	---	---	---	16
17	---	---	---	---	---	---	1 129	1 033	1 244	---	---	---	17
18	---	---	---	---	---	1 185	---	---	1 182	---	---	---	18
19	---	---	---	---	---	1 187	1 137	---	1 224	---	---	---	19
20	---	---	---	---	---	1 239	1 161	---	1 040	---	---	---	20
21	---	---	---	---	---	1 255	1 168	---	1 010	---	---	---	21
22	---	---	---	---	---	1 229	1 013	---	1 050	---	---	---	22
23	---	---	---	---	---	1 385	1 027	---	1 148	---	---	---	23
24	---	---	---	---	0 832	---	---	---	1 192	---	---	---	24
25	---	---	---	---	0 884	---	1 049	---	---	---	---	---	25
26	---	---	---	---	0 924	1 325	1 049	1 187	1 294	---	---	---	26
27	---	---	---	---	0 940	---	1 079	1 218	1 110	---	---	---	27
28	---	---	---	---	0 888	---	1 075	1 131	1 168	---	---	---	28
29	---	---	---	---	0 924	1 508	1 085	1 007	---	---	---	---	29
30	---		---	---	0 982	1 519	1 087	1 026	---	0 812	---	---	30
31	---		---		0 842		1 095	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 45 N
LONG 114 38 05 W

NATURAL FLOW

DRAINAGE AREA,
3 480 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

RED DEER RIVER BELOW BURNT TIMBER CREEK - STATION NO. 05CA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.940	4.780	4.000	4.300	5.50	33.0A	53.5	27.5	17.5	14.4	5.910	5.300	1
2	4.900	4.670	3.850	4.150	5.63	23.0	41.8	26.5	16.8	14.3	7.100	5.150	2
3	4.950	4.580	3.760	4.100	5.55	22.5	36.0	25.0	15.8	15.2	7.170	5.030	3
4	5.200	4.400	3.900	4.100	5.45	20.1	34.5	31.9	15.2	16.2	7.240	5.020	4
5	5.250	4.420	4.180	4.200	5.82	20.8	34.5	35.8	14.6	17.7	7.300	5.300	5
6	5.200	4.800	4.350	4.300	6.11	21.0	38.2	38.7	15.8	16.7	7.640	5.350	6
7	5.300	4.800	4.310	4.200	6.23	22.1	33.6	32.7	17.5	15.8	8.120	5.410	7
8	5.350	4.730	4.080	4.100	5.86	50.6	28.7	27.2	15.6	16.1	7.870	5.200	8
9	5.050	4.770	3.980	4.010	8.12	56.2	25.1	26.2	14.9	17.5	7.830	5.000	9
10	5.080	4.800	3.900	4.110	7.66	44.3	24.2	25.5	15.1	17.1	7.830	4.850	10
11	5.140	4.500	3.800	4.000	6.96	50.1	25.5	30.3	15.1	15.2	7.550	4.900	11
12	4.920	4.400	3.710	4.090	6.67	60.2	29.4	28.7	15.2	14.2	7.500	5.000	12
13	4.830	4.310	3.680	4.50	7.12	66.5	29.6	29.9	15.2	15.5	7.400	5.140	13
14	4.800	4.470	3.600	4.63	7.60E	68.1	26.0	26.4	15.5	14.9	7.300	5.100	14
15	4.300	4.400	3.600	5.30	9.60E	74.9	26.5	23.8	15.0	14.3	7.280	4.910	15
16	4.120	4.300	3.700	5.65	13.2 E	67.4	27.0	23.2	14.4	13.8	7.520	4.700	16
17	4.310	4.500	3.850	5.30	12.9 E	56.1	28.6	23.3	15.3	13.3	7.580	4.650	17
18	4.200	4.700	4.200	5.25	12.0 E	43.1	30.1	25.2	19.5	13.1	7.500	4.620	18
19	4.100	4.430	4.300	6.05	13.1 E	37.4	29.6	23.8	22.5	13.0	7.600	5.000	19
20	4.140	4.700	4.400	6.17	15.3 E	35.5	27.8	20.1	20.7	12.1	7.530	5.200	20
21	4.250	4.510	4.300	5.30	13.3 E	38.2	26.4	18.0	20.4	11.8	7.500	5.100	21
22	4.310	4.300	4.400	6.65	11.0 A	33.8	24.0	18.3	18.8	11.7	7.100	5.000	22
23	4.430	4.200	4.700	7.50	10.6	27.3	21.4	18.2	17.6	11.6	7.400	5.010	23
24	4.660	4.100	5.010	8.82	9.98	46.8	21.0	18.4	16.3	12.0	7.700	5.000	24
25	4.840	4.100	5.030	8.50	9.74	44.8	22.0	19.0	15.3	11.9	7.000	4.890	25
26	4.740	4.360	5.050	8.05	9.84	44.3	23.9	19.0	15.4	11.4	8.970	4.880	26
27	5.030	4.400	5.000	9.77	10.1	48.4	27.1	25.4	14.0	10.4	8.120	4.650	27
28	5.050	4.580	4.810	9.88	10.1	61.6	28.8	30.2	14.2	9.88	5.600	4.130	28
29	5.110	4.040	4.580	9.61	12.8	75.7	28.3	33.3	14.4	8.22	5.370	4.200	29
30	4.800		4.450	9.45	37.4 A	62.1	28.0	19.5	14.5	7.720	5.300	4.250	30
31	4.880		4.300		76.7 A		26.1	18.3		7.270		4.300	31
TOTAL	148.03	130.30	130.50	193.24	377.82	1 385.0	915.8	788.1	481.5	417.40	218.18	153.64	TOTAL
MEAN	4.78	4.49	4.21	5.78	12.2	46.5	29.5	25.1	16.4	13.5	7.21	4.82	MEAN
MAX	5.35	4.80	5.05	9.88	76.7	82.1	53.5	35.7	22.5	17.7	8.12	5.41	MAX
MIN	4.10	4.04	3.80	4.00	5.55	20.1	21.0	18.0	14.0	7.27	5.37	4.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 82.1 ON JUN 30
MINIMUM DAILY, 3.80B ON MAR 14
MAXIMUM INSTANTANEOUS,
122A AT 04:05 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 02 N
LONG 113 01 00 W
DRAINAGE AREA, 3 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 800	JUL	78 100
FEB	11 300	AUG	85 000
MAR	11 300	SEP	42 500
APR	15 000	OCT	36 100
MAY	32 800	NOV	18 700
JUN	121 000	DEC	13 300

TOTAL DISCHARGE, 483 000 dam³

REMARKS - MAXIMUM INSTANTANEOUS DISCHARGE WAS OBTAINED FROM HIGH WATER MARK

RED DEER RIVER NEAR BINDLOSS - STATION NO. 05CK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.48	15.08	15.78	52.7	24.3	65.8	30.3	44.8	27.1	40.5	12.08	12.0 B	1
2	12.48	15.28	15.38	50.8	23.8	63.0	28.0	58.3	27.0	40.1	12.08	12.1 B	2
3	12.48	15.88	15.48	49.8	23.0	62.3	28.0	61.1	26.8	39.0	13.08	12.3 B	3
4	12.28	15.48	15.88	50.8	22.6	62.4	26.3	48.5	27.3	38.3	14.08	12.5 B	4
5	11.78	15.68	15.08	52.8	23.1	63.5	25.7	46.8A	33.8	37.5	14.88	13.0 B	5
6	10.88	15.38	15.48	55.8	21.8	67.4	25.5	48.5A	37.5	36.8	15.48	14.2 B	6
7	10.58	15.88	15.08	73.5	22.3	69.3	25.2	49.7E	34.6	35.4	15.88	15.2 B	7
8	10.88	15.48	15.88	86.8	24.0	66.8	25.3	44.9A	33.3	35.2	16.08	16.3 B	8
9	10.98	15.28	15.38	84.4	23.3	64.2	25.1	39.4A	32.1	34.4	16.18	15.0 B	9
10	11.28	15.18	20.08	70.8	23.8A	62.8	24.2	34.9A	30.9	33.2	16.18	13.7 B	10
11	11.58	15.28	20.18	63.8	23.4A	62.7	27.0	40.3A	29.6	31.0	16.08	13.0 B	11
12	11.88	15.08	19.88	54.1	25.9A	61.8	28.3	42.3A	35.7	30.2	16.08	13.7 B	12
13	12.38	15.98	19.38	46.2	41.2A	58.2	28.7	42.5A	38.3	29.4	15.68	13.5 B	13
14	12.58	15.48	18.78	42.5	44.3A	52.6	24.6	42.8A	41.1	28.1	15.78	13.3 B	14
15	13.08	15.48	18.18	36.6	43.1	50.0	24.3	43.5	40.0	31.8	15.48	13.0 B	15
16	13.28	15.48	17.68	36.1	41.1	57.0	24.1	37.4	37.7	33.1	14.58	11.8 B	16
17	13.28	16.08	17.48	33.6	37.8	60.1	24.4	32.6	35.6	34.1	15.48	11.5 B	17
18	13.18	16.48	17.38	32.0	35.4	59.8	24.0	31.8	34.2	35.5	15.08	11.0 B	18
19	13.08	17.18	16.48	31.0	34.8	57.1	24.7	35.3	33.4	35.5	14.88	10.4 B	19
20	13.08	17.48	15.68	30.4	33.4	53.8	29.3	36.7	30.3	33.7	14.68	10.0 B	20
21	13.28	17.78	16.58	29.9	32.8	51.1	24.6	37.3	30.0	33.4	14.28	9.708	21
22	13.58	17.98	16.58	30.4	35.0	47.0	21.6	36.2	29.2	31.1	13.68	9.608	22
23	14.08	18.18	19.88	28.5	56.8	46.5	21.2	40.8	29.8	28.6	13.48	9.408	23
24	14.58	18.88	20.58	27.6	76.9	48.4	22.2	40.4	34.9	28.5	13.08	9.208	24
25	15.18	18.48	21.68	27.5	79.1	46.6	24.5	36.9	61.7	26.5	12.78	9.208	25
26	14.88	18.18	24.08	28.7	74.4	46.9	27.6	38.7	62.7	26.3	13.58	9.308	26
27	15.28	17.78	25.08	25.6	74.0	48.1	28.7	38.4	64.3	27.6	13.48	9.408	27
28	15.38	18.08	24.58	25.1	75.3	39.2	24.8	34.4	64.6	29.88	12.28	9.608	28
29	15.18	18.58	40.08	24.8	73.4	35.0	23.3	30.7	61.7	33.58	12.18	9.608	29
30	15.38		53.08	24.7	68.6	32.1	26.8	28.2	43.6	15.08	12.08	9.608	30
31	15.68		66.5		66.1		24.6	27.4		12.08		10.0 B	31
TOTAL	403.4	487.4	709.1	1 307.8	1 368.8	1 535.7	801.4	1 249.8	1 088.3	972.2	427.8	367.10	TOTAL
MEAN	13.0	16.8	22.8	43.6	43.5	51.2	25.9	40.3	36.6	31.4	14.3	11.5	MEAN
MAX	15.6	18.6	66.5	73.5	79.1	65.8	24.6	61.1	62.7	40.5	16.1	15.3	MAX
MIN	10.5	15.6	15.6	24.5	21.8	32.1	21.2	27.4	26.8	12.0	12.0	9.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.2
MAXIMUM DAILY, 79.1 ON MAY 25
MINIMUM DAILY, 9.20B ON DEC 25
MAXIMUM INSTANTANEOUS,
80.9 AT 10:41 MST ON MAY 25

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 110 17 50 W
DRAINAGE AREA, 44 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 500	JUL	69 300
FEB	42 100	AUG	108 000
MAR	61 300	SEP	95 000
APR	113 000	OCT	84 000
MAY	117 000	NOV	38 900
JUN	133 000	DEC	30 500

TOTAL DISCHARGE, 825 000 dam³

REDEARTH CREEK NEAR THE MOUTH - STATION NO. 09EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 756E	5 48	17 5	5 69	3 22	1 98A	1 51B	---	1
2	---	---	---	---	0 756A	4 84	13 0	5 74	3 07	2 04	1 56B	---	2
3	---	---	---	---	0 756	4 27	10 8	6 83	2 88	2 05	---	---	3
4	---	---	---	---	0 747	4 02	10 3	8 21	2 89	1 99	---	---	4
5	---	---	---	---	0 736	4 60	10 7	8 03	2 82	1 95	---	---	5
6	---	---	---	---	0 728	5 81	13 3	6 46	3 32	1 88	---	---	6
7	---	---	---	---	0 724	7 25	11 0	5 55	3 35	1 84	---	---	7
8	---	---	---	---	0 723	9 47	8 93	4 80	3 22	1 81	---	---	8
9	---	---	---	---	0 733	9 82	7 77	4 66	3 41	1 82	---	---	9
10	---	---	---	---	0 728	8 09	7 16	5 29	3 37	1 84	---	---	10
11	---	---	---	---	0 721	9 11	7 56	5 56	3 36	1 85	---	---	11
12	---	---	---	---	0 721	12 0	8 13	5 20	3 43	1 89	---	---	12
13	---	---	---	---	0 736	15 0	7 88	5 02	3 42	1 87	---	---	13
14	---	---	---	---	0 815	17 5	7 39	4 36	3 28	1 83	---	---	14
15	---	---	---	---	1 07	19 8	6 84	3 91	3 03	1 738	---	---	15
16	---	---	---	---	1 57	19 5	6 83	3 71	2 87	1 698	---	---	16
17	---	---	---	---	1 50	18 3	7 34	3 77	2 87	1 688	---	---	17
18	---	---	---	---	1 41	12 7	7 84	4 30	3 14	1 568	---	---	18
19	---	---	---	---	1 51	11 4	7 23	4 18	3 43	1 638	---	---	19
20	---	---	---	---	1 77	10 8	6 60	3 60	3 37	1 568	---	---	20
21	---	---	---	---	1 55	10 2	6 26	3 27	3 34	1 509	---	---	21
22	---	---	---	---	1 46	9 82	5 50	3 11	3 06	1 488	---	---	22
23	---	---	---	---	1 48	11 7	4 74	3 14	2 76	1 448	---	---	23
24	---	---	---	---	1 37	13 8	4 54	3 12	2 56	1 488	---	---	24
25	---	---	---	0 871A	1 34	14 9	4 93	3 02	2 54	1 478	---	---	25
26	---	---	---	---	1 29	15 8	5 61	3 07	2 38	1 449	---	---	26
27	---	---	---	---	1 30	16 0	5 57	5 98	2 11A	1 348	---	---	27
28	---	---	---	---	1 51	16 1	5 81	5 34	2 24A	1 318	---	---	28
29	---	---	---	---	2 27	29 4	6 63	4 21	2 03A	1 368	---	---	29
30	---	---	---	---	4 75	26 7	8 30	3 85	2 00E	1 418	---	---	30
31	---	---	---	---	6 74		8 90	3 41		1 468		---	31
TOTAL	---	---	---	---	44 272	378 28	247 82	141 93	88 40	52 13	---	---	TOTAL
MEAN	---	---	---	---	1 43	12 5	7 99	4 58	2 95	1 68	---	---	MEAN
MAX	---	---	---	---	6 74	29 4	17 5	6 63	3 43	2 05	---	---	MAX
MIN	---	---	---	---	0 721	4 02	4 58	2 97	2 00	1 31	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 17
MAXIMUM DAILY, 29 4 ON JUN 29
MINIMUM DAILY, 0 721 ON MAY 11
MAXIMUM INSTANTANEOUS,
27 2 AT 19 34 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 13 22 N
LONG 115 48 40 W
DRAINAGE AREA, 147 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21 400
FEB	---	AUG	13 300
MAR	---	SEP	7 640
APR	---	OCT	4 500
MAY	3 830	NOV	---
JUN	32 500	DEC	---

TOTAL DISCHARGE, 82 200 dam³

REDWATER RIVER NEAR THE MOUTH - STATION NO 05EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0238	2 20 B	0 285	0 628	0 188	0 035	0 016	0 012	---	---	1
2	---	---	0 0228	2 26 B	0 294	0 768	0 179	0 041	0 017	0 012	---	---	2
3	---	---	0 0228	2 27 B	0 288	0 955	0 156	0 040	0 016	0 014	---	---	3
4	---	---	0 0228	2 48 B	0 297	0 861	0 128	0 038	0 015	0 023	---	---	4
5	---	---	0 0218	2 73 B	0 310	0 837	0 106	0 031	0 013	0 026	---	---	5
6	---	---	0 0218	2 14 B	0 321	0 816	0 095	0 035	0 011	0 031	---	---	6
7	---	---	0 0228	1 78 B	0 318	0 722	0 088	0 029	0 025	0 034	---	---	7
8	---	---	0 0238	1 53 B	0 320	0 776	0 078	0 026	0 038	0 034	---	---	8
9	---	---	0 0218	1 06 B	0 307	0 867	0 065	0 022	0 037	0 036	---	---	9
10	---	---	0 0208	0 591	0 325	1 12	0 053	0 020	0 031	0 040	---	---	10
11	---	---	0 0188	0 532	0 337	1 23	0 049	0 021	0 025	0 043	---	---	11
12	---	---	0 0178	0 479	0 418	1 15	0 049	0 021	0 021	0 044	---	---	12
13	---	---	0 0168	0 430	0 498	1 06	0 062	0 029	0 017	0 045	---	---	13
14	---	---	0 0118	0 381	0 463	0 986	0 067	0 038	0 015	0 048	---	---	14
15	---	---	0 0108	0 332	0 433	0 869	0 078	0 038	0 013	0 051	---	---	15
16	---	---	0 0098	0 285	0 439	0 786	0 070	0 034	0 012	0 052	---	---	16
17	---	---	0 0088	0 332	0 445	0 590	0 053	0 030	0 011	0 055	---	---	17
18	---	---	0 0158	0 358	0 436	0 539	0 044	0 034	0 011	0 0588	---	---	18
19	---	---	0 0148	0 370	0 421	0 518	0 044	0 037	0 010	0 0588	---	---	19
20	---	---	0 0368	0 374	0 432	0 470	0 044	0 038	0 010	0 0528	---	---	20
21	---	---	0 0468	0 342	0 430	0 393	0 048	0 032	0 009	0 0488	---	---	21
22	---	---	0 0578	0 380	0 451	0 333	0 049	0 028	0 009	0 0488	---	---	22
23	---	---	0 4298	0 399	0 430	0 309	0 052	0 018	0 008	0 0458	---	---	23
24	---	---	1 07 B	0 477	0 586	0 287	0 047	0 018	0 008	0 0488	---	---	24
25	---	---	1 04 B	0 411	0 742	0 304	0 039	0 013	0 008	0 0458	---	---	25
26	---	---	0 8898	0 374	0 680	0 269	0 035	0 014	0 009	0 0438	---	---	26
27	---	---	0 9098	0 333	0 608	0 258	0 036	0 017	0 009	0 0438	---	---	27
28	---	---	0 8218	0 306	0 724	0 234	0 035	0 017	0 009	0 0418	---	---	28
29	---	0 0248	0 6588	0 288	0 678	0 217	0 031	0 015	0 010	0 0378	---	---	29
30	---		0 5808	0 286	0 631	0 197	0 031	0 012	0 010	0 0328	---	---	30
31	---		1 31 B		0 608		0 031	0 011		0 0288		---	31
TOTAL	---	---	6 829	26 306	14 047	15 718	2 135	0 814	0 450	1 225	---	---	TOTAL
MEAN	---	---	0 285	0 877	0 453	0 557	0 069	0 026	0 015	0 040	---	---	MEAN
MAX	---	---	1 31	2 73	0 808	1 23	0 188	0 041	0 038	0 058	---	---	MAX
MIN	---	---	0 008	0 232	0 285	0 197	0 031	0 011	0 008	0 012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 300
MAXIMUM DAILY, 2 730 ON APR 5
MINIMUM DAILY, 0 0088 ON MAR 17
MAXIMUM INSTANTANEOUS,
3 01 AT 05 15 MST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 48 N
LONG 112 59 48 W
DRAINAGE AREA, 1 550 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	184
FEB	---	AUG	70 3
MAR	782	SEP	26 9
APR	2 270	OCT	105
MAY	1 210	NOV	---
JUN	1 700	DEC	---

TOTAL DISCHARGE, 6 340 dam³

REDWILLOW CREEK NEAR RED WILLOW - STATION NO. 05FC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.048	0	0.217	---	---	1
2	---	---	---	---	---	---	---	0.048	0 A	0.191	---	---	2
3	---	---	---	---	---	---	---	0.048	0 E	0.182	---	---	3
4	---	---	---	---	---	---	---	0.049	0 E	0.186	---	---	4
5	---	---	---	---	---	---	---	0.050	0 E	0.178	---	---	5
6	---	---	---	---	---	---	---	0.052	0 E	0.160	---	---	6
7	---	---	---	---	---	---	---	0.051	0 E	0.158	---	---	7
8	---	---	---	---	---	---	---	0.049	0 E	0.160	---	---	8
9	---	---	---	---	---	---	---	0.045	0 E	0.157	---	---	9
10	---	---	---	---	---	---	---	0.042	0 E	0.154	---	---	10
11	---	---	---	---	---	---	---	0.038	0 E	0.152	---	---	11
12	---	---	---	---	---	---	---	0.033	0 E	0.155	---	---	12
13	---	---	---	---	---	---	---	0.033	0 E	0.148	---	---	13
14	---	---	---	---	---	---	---	0.036	0 E	0.140	---	---	14
15	---	---	---	---	---	---	---	0.034	0 E	0.142	---	---	15
16	---	---	---	---	---	---	---	0.032	0 E	0.147	---	---	16
17	---	---	---	---	---	---	---	0.030	0 E	0.150	---	---	17
18	---	---	---	---	---	---	---	0.030	0 E	0.155	---	---	18
19	---	---	---	---	---	---	---	0.030	0 E	0.153	---	---	19
20	---	---	---	---	---	---	---	0.032	0 0.50E	0.147	---	---	20
21	---	---	---	---	---	---	---	0.028A	0 1.10E	0.188	---	---	21
22	---	---	---	---	---	---	---	0.024E	0 2.00E	0.158	---	---	22
23	---	---	---	---	---	---	---	0.020E	0 2.75E	0.257	---	---	23
24	---	---	---	---	---	---	---	0.018E	0 3.50E	0.233	---	---	24
25	---	---	---	---	---	---	0.044A	0.012E	0 4.20E	0.262	---	---	25
26	---	---	---	---	---	---	0.043	0.010E	0 5.26A	0.2558	---	---	26
27	---	---	---	---	---	---	0.043	0.007E	0 387	0.2418	---	---	27
28	---	---	---	---	---	---	0.046	0.005E	0 287	0.2528	---	---	28
29	---	---	---	---	---	---	0.048	0.002A	0 287	0.2358	---	---	29
30	---		---	---	---	---	0.048	0.002	0 248	0.2318	---	---	30
31	---		---	---			0.048	0.001		0.2028		---	31
TOTAL	---	---	---	---	---	---	---	0.937	3.121	5.727	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	0.030	0.104	0.185	---	---	MEAN
MAX	---	---	---	---	---	---	---	0.052	0.526	0.262	---	---	MAX
MIN	---	---	---	---	---	---	---	0.001	0	0.140	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON SEP 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 18 N
LONG 112 23 13 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	81.0
MAR	---	SEP	270
APR	---	OCT	495
MAY	---	NOV	---
JUN	---	DEC	---

REDWILLOW RIVER NEAR BEAVERLODGE - STATION NO. 07GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5508	0.3368	0.2278	0.3868	4.65	10.3	2.82	0.176	0.135	3.76	1.44 B	0.8428	1
2	0.5508	0.3428	0.1878	0.3638	4.84	11.4	2.92	0.178	0.135	3.54	1.80 B	0.5348	2
3	0.4428	0.3368	0.1788	0.4888	5.01	11.1	2.75	0.164	0.137	3.63	1.52 B	0.4648	3
4	0.4358	0.3308	0.1688	0.5708	5.41	10.1	2.80	0.160	0.140	3.56	1.70 B	0.4748	4
5	0.5158	0.3068	0.2008	0.8048	5.76	8.20	2.24	0.148	0.152	3.31	1.58 B	0.4868	5
6	0.6898	0.2788	0.2128	1.18 B	5.70	6.87	1.98	0.143	0.253	3.28	1.62 B	0.5148	6
7	0.5938	0.2628	0.1768	1.05 B	5.72	12.9	1.71	0.136	0.350	3.23	1.50 B	0.5878	7
8	0.4158	0.2548	0.1468	1.09 B	5.81	17.6	1.54	0.135	0.342	3.00	1.38 B	0.4718	8
9	0.3628	0.2448	0.1558	1.01 B	5.43	21.9	1.44	0.135	0.384	2.88	1.32 B	0.6708	9
10	0.3968	0.2388	0.1498	1.05 B	5.40	21.8	1.31	0.134	0.598	2.94	1.25 B	0.7298	10
11	0.4018	0.2308	0.1268	1.11 B	10.6	18.6	1.13	0.130	0.745	3.42	1.33 B	0.7548	11
12	0.3638	0.2308	0.1198	0.9158	11.8	15.9	1.03	0.128	1.76	3.52	1.35 B	0.7188	12
13	0.3628	0.2288	0.1108	1.02 B	15.6	14.0	0.873	0.129	5.65	3.45	1.28 B	0.6408	13
14	0.3428	0.2268	0.0988	1.50 E	15.8	15.3	0.752	0.128	7.67	3.18	1.27 B	0.5508	14
15	0.3558	0.2248	0.0928	2.06 E	16.7	13.5	0.630	0.125	7.48	3.27	1.28 B	0.4248	15
16	0.3708	0.2328	0.0808	2.55 E	16.8	11.3	0.517	0.125	6.98	3.48	1.23 B	0.3968	16
17	0.3838	0.2368	0.0828	2.75 E	29.0	9.48	0.482	0.124	5.22	3.88	1.24 B	0.3708	17
18	0.3768	0.2408	0.0838	2.83 A	38.0	8.09	0.385	0.123	5.84	3.90	1.33 B	0.4488	18
19	0.3508	0.2448	0.1288	3.11	34.9	7.17	0.381	0.127	5.69	4.18	1.40 B	0.4418	19
20	0.3248	0.2488	0.2318	3.85	31.4	6.31	0.327	0.129	5.14	4.80	1.41 B	0.4618	20
21	0.3198	0.2508	0.2158	4.46	28.7	5.75	0.283	0.132	4.87	4.14	1.35 B	0.4678	21
22	0.3148	0.2528	1.20 B	4.83	24.8	5.48	0.267	0.133	4.68	3.87	1.41 B	0.4548	22
23	0.2628	0.2468	0.8908	5.09	21.8	5.20	0.235	0.138	4.73	3.88	1.48 B	0.4618	23
24	0.3128	0.2628	1.12 B	5.31	18.8	4.87	0.201	0.142	4.83	3.68	1.38 B	0.4548	24
25	0.2908	0.2868	0.8468	5.64	18.3	4.19	0.284	0.139	4.87	4.17	1.19 B	0.4288	25
26	0.3028	0.3288	0.8708	5.30	13.9	3.68	0.242	0.137	4.85	4.16	1.06 B	0.4028	26
27	0.3258	0.3618	0.8558	5.03	12.2	3.58	0.228	0.132	4.68	1.368	0.9838	0.3658	27
28	0.3488	0.3868	0.8348	5.05	11.6	3.35	0.213	0.131	4.28	1.178	0.8418	0.3408	28
29	0.3568	0.3658	0.7648	4.93	11.0	3.08	0.202	0.130	4.08	1.288	0.7618	0.3208	29
30	0.3788		0.6558	4.71	10.2	3.08	0.184	0.130	3.78	1.688	0.7178	0.3208	30
31	0.3148		0.5048		9.58		0.178	0.131		1.508		0.3258	31
TOTAL	11.437	7.896	12.487	80.312	459.22	298.65	30.572	4.262	100.971	101.25	39.191	15.211	TOTAL
MEAN	0.388	0.271	0.403	2.58	14.8	9.95	0.986	0.137	3.37	3.27	1.31	0.491	MEAN
MAX	0.899	0.361	1.20	5.64	38.0	21.8	2.92	0.176	7.67	4.80	1.70	0.754	MAX
MIN	0.300	0.236	0.080	0.383	4.65	3.08	0.178	0.123	0.135	1.17	0.717	0.320	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 38.0 ON MAY 18
MINIMUM DAILY, 0.0808 ON MAR 16
MAXIMUM INSTANTANEOUS,
38.9 AT 08.30 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 55 N
LONG 118 31 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	988	JUL	2 640
FEB	679	AUG	367
MAR	1 080	SEP	6 720
APR	8 040	OCT	6 750
MAY	39 700	NOV	3 390
JUN	25 600	DEC	1 310

TOTAL DISCHARGE, 100 000 dam³

REESOR RESERVOIR NEAR ELKWATER - STATION NO 11AB050

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	1226 166	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	1226 245	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	1226 332E	1226 325E	1226 286E	1226 248E	1226 226E	1226 130E	1226 074E	1226 188E	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	1226 073	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	1226 331	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	1226 348	---	---	---	---	1226 195	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	1226 055E	---	---	---	17
18	---	---	---	1226 314E	---	1226 245E	---	---	---	1226 219E	---	---	18
19	---	---	1226 333E	---	1226 266E	---	1226 187E	1226 110E	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	1226 336	---	---	---	---	---	---	---	---	---	---	21
22	---	1226 336E	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	1226 238E	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	1226 338	---	---	---	---	---	1226 038E	---	---	---	28
29	---	1226 332E	1226 336E	1226 304E	1226 248	1226 245E	1226 150E	1226 092E	---	1226 249	---	---	29
30	---	---	---	1226 303	---	1226 245E	1226 146	---	1226 130E	---	---	---	30
31	---		1226 334E		1226 247E		1226 144E	1226 088E		1226 250E			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 40 N
LONG 110 05 44 W

E - ESTIMATED

REGULATED

DRAINAGE AREA, 3 55 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REITA CREEK NEAR OUTLET OF ANGLING LAKE - STATION NO 06AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 0018	08	0 B	0 2708	0 141	0 242	0 120	0 002	0 001E	0 006	0 0248	0 0848	1
2	0 0018	08	0 B	0 3948	0 141	0 248	0 121	0 002	0 001E	0 006	0 0268	0 0888	2
3	0 0018	08	0 B	0 2668	0 136	0 252	0 119	0 002	0 001E	0 006	0 0278	0 0888	3
4	0 0018	08	0 B	0 2808	0 139	0 253	0 118	0 002	0 001E	0 005	0 0298	0 0908	4
5	0 0018	08	0 B	0 2738	0 137	0 245	0 113	0 003	0 001E	0 005	0 0308	0 0908	5
6	0 0018	08	0 B	0 2668	0 135	0 227	0 100	0 003	0 001E	0 004	0 0328	0 0898	6
7	0 0018	08	0 B	0 2638	0 136	0 234	0 088	0 003	0 001E	0 004	0 0348	0 0878	7
8	0 0018	08	0 B	0 2668	0 136	0 248	0 078	0 003	0 004	0 005	0 0358	0 0898	8
9	0 0018	08	0 B	0 2738	0 136	0 243	0 068	0 002	0 006	0 006	0 0378	0 0898	9
10	0 0018	08	0 B	0 263	0 136	0 231	0 058	0 002	0 007	0 008	0 0398	0 0898	10
11	0 0018	08	0 B	0 248	0 134	0 221	0 047	0 002	0 006	0 010	0 0408	0 0918	11
12	0 B	08	0 B	0 241	0 143	0 205	0 035	0 002	0 007	0 011	0 0428	0 0908	12
13	0 B	08	0 B	0 228	0 154	0 188	0 033	0 002	0 008	0 013	0 0448	0 0878	13
14	0 B	08	0 B	0 217	0 168	0 175	0 027	0 003	0 005	0 014	0 0468	0 0868	14
15	0 B	08	0 B	0 208	0 184	0 174	0 021	0 003	0 005	0 015	0 0478	0 0858	15
16	0 B	08	0 B	0 197	0 170	0 184	0 018	0 004	0 005	0 016	0 0498	0 0848	16
17	0 B	08	0 B	0 189	0 224	0 159	0 010	0 004	0 005	0 016	0 0518	0 0828	17
18	0 B	08	0 0018	0 187	0 245	0 158	0 006	0 003	0 005	0 018	0 0528	0 0808	18
19	0 B	08	0 0018	0 181	0 223	0 150	0 004	0 004	0 005	0 017	0 0558	0 0788	19
20	0 B	08	0 0028	0 178	0 229	0 143	0 003	0 004	0 005	0 016	0 0578	0 0788	20
21	0 B	08	0 0038	0 182	0 258	0 141	0 001	0 004	0 006	0 016	0 0598	0 0778	21
22	0 B	08	0 0048	0 186	0 261	0 140	0 002	0 004	0 006	0 0198	0 0618	0 0758	22
23	0 B	08	0 0068	0 180	0 262	0 140	0 001	0 003	0 007	0 0218	0 0648	0 0738	23
24	0 B	08	0 0098	0 167	0 257	0 135	0 001	0 003	0 007	0 0218	0 0678	0 0718	24
25	0 B	08	0 0148	0 120	0 260	0 132	0 002	0 003	0 007	0 0218	0 0708	0 0688	25
26	0 B	08	0 0208	0 148	0 255	0 129	0 002	0 002	0 007	0 0218	0 0728	0 0648	26
27	0 B	08	0 0308	0 145	0 251	0 129	0 002	0 002	0 007	0 0218	0 0758	0 0618	27
28	0 B	08	0 0708	0 145	0 251	0 128	0 002	0 002	0 007	0 0218	0 0778	0 0608	28
29	0 B	08	0 0918	0 142	0 227	0 125	0 002	0 001	0 007	0 0218	0 0788	0 0588	29
30	0 B		0 1308	0 140	0 223	0 121	0 002	0 001E	0 008	0 0228	0 0818	0 0558	30
31	0 B		0 1508		0 238		0 002	0 001E		0 0238		0 0508	31
TOTAL	0 011	0	0 551	6 284	5 870	5 474	1 200	0 082	0 147	0 432	1 502	3 434	TOTAL
MEAN	0	0	0 018	0 209	0 183	0 182	0 039	0 003	0 005	0 014	0 050	0 079	MEAN
MAX	0 001	0	0 150	0 394	0 262	0 253	0 121	0 004	0 008	0 023	0 081	0 091	MAX
MIN	0	0	0	0 120	0 134	0 121	0 001	0 001	0 001	0 004	0 024	0 050	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 065
MAXIMUM DAILY, 0 2948 ON APR 2
MINIMUM DAILY, 08 ON JAN 12

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 45 N
LONG 110 18 45 W
DRAINAGE AREA, 161 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0 95	JUL	104
FEB	0	AUG	7 08
MAR	47 6	SEP	12 7
APR	543	OCT	37 3
MAY	516	NOV	130
JUN	473	DEC	210

TOTAL DISCHARGE, 2 060 dam³

RENWICK CREEK NEAR THREE HILLS - STATION NO 05CE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 006	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 006	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 004	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 003	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 002	0 001	0	0	0	0	0	---	---	5
6	---	---	0 B	0 002	0 002	0	0	0	0	0	---	---	6
7	---	---	0 B	0 002	0 001	0	0	0	0	0	---	---	7
8	---	---	0 B	0 001	0 001	0	0	0	0	0	---	---	8
9	---	---	0 B	0 001	0 001	0 011	0	0	0	0	---	---	9
10	---	---	0 B	0 001	0 001	0 013	0	0	0	0	---	---	10
11	---	---	0 B	0	0 001	0 064	0	0	0	0	---	---	11
12	---	---	0 B	0	0 003	0 089	0	0	0	0	---	---	12
13	---	---	0 B	0	0 003	0 057	0	0	0	0	---	---	13
14	---	---	0 B	0	0 002	0 030	0	0	0	0	---	---	14
15	---	---	0 B	0	0 002	0 018	0	0	0	0	---	---	15
16	---	---	0 B	0	0 002	0 009	0	0	0	0	---	---	16
17	---	---	0 B	0	0 002	0 005	0	0	0	0	---	---	17
18	---	---	0 B	0	0 002	0 003	0	0	0	0	---	---	18
19	---	---	0 B	0	0 001	0 003	0	0	0	0	---	---	19
20	---	---	0 B	0 001	0 001	0 004	0	0	0	0	---	---	20
21	---	---	0 B	0 001	0	0 004	0	0	0	0	---	---	21
22	---	---	0 1858	0 001	0	0 003	0	0	0	0	---	---	22
23	---	---	0 1398	0	0	0 005	0	0	0	0	---	---	23
24	---	---	0 0858	0	0	0 005	0	0	0	0	---	---	24
25	---	---	0 0488	0	0	0 003	0	0	0	0	---	---	25
26	---	---	0 0268	0	0	0 002	0	0	0	0 0438	---	---	26
27	---	08	0 0228	0	0 001	0 001	0	0	0	0 0308	---	---	27
28	---	08	0 018	0	0 002	0 001	0	0	0	0 0158	---	---	28
29	---	08	0 014	0	0 002	0	0	0	0	0 0048	---	---	29
30	---		0 010	0	0 001	0	0	0	0	0 B	---	---	30
31	---		0 008		0 001		0	0		0 B		---	31
TOTAL	---	---	0 558	0 030	0 033	0 328	0	0	0	0 082	---	---	TOTAL
MEAN	---	---	0 018	0 001	0 001	0 011	0	0	0	0 003	---	---	MEAN
MAX	---	---	0 186	0 006	0 003	0 089	0	0	0	0 043	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0 1858 ON MAR 22
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 43 01 N
LONG 113 21 47 W
DRAINAGE AREA 57 2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	46 2	SEP	0
APR	2 58	OCT	7 85
MAY	2 85	NOV	---
JUN	28 3	DEC	---

TOTAL DISCHARGE, 89 9 dam³

RIBSTONE CREEK NEAR CZAR - STATION NO 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 098	0 005	0 004	0 008	0	OE	0	0	---	1
2	---	---	0 B	0 089	0 005	0 003	0 007	0	OE	0	0	---	2
3	---	---	0 B	0 078	0 004	0 003	0 006	0	OE	0	0	---	3
4	---	---	0 B	0 075	0 004	0 002	0 005	0	OE	0	0	---	4
5	---	---	0 B	0 074	0 004	0 003	0 005	0	OE	0	0	---	5
6	---	---	0 B	0 090	0 004	0 006	0 004	0	OE	0	0A	---	6
7	---	---	0 B	0 118	0 004	0 009	0 004	0	OE	0	---	---	7
8	---	---	0 B	0 133	0 004	0 041	0 003	0	OE	0	---	---	8
9	---	---	0 B	0 139	0 004	0 056	0 003	0	OE	0	---	---	9
10	---	---	0 B	0 141	0 004	0 049	0 002	0	OE	0	---	---	10
11	---	---	0 B	0 130	0 004	0 044	0 001	0	0A	0	---	---	11
12	---	---	0 B	0 119	0 005	0 041	0	0	0	0	---	---	12
13	---	---	0 B	0 108	0 006	0 037	0	0	0	0	---	---	13
14	---	---	0 B	0 097	0 006	0 035	0	0A	0	0	---	---	14
15	---	---	0 B	0 086	0 007	0 033	0	0E	0	0	---	---	15
16	---	---	0 B	0 076	0 008	0 037	0	0E	0	0	---	---	16
17	---	---	0 B	0 066	0 010	0 033	0	0E	0	0	---	---	17
18	---	---	0 B	0 059	0 009	0 031	0	0E	0	0	---	---	18
19	---	---	0 B	0 055	0 007	0 041	0	0E	0	0	---	---	19
20	---	---	0 0258	0 048	0 008	0 043	0	0E	0	0	---	---	20
21	---	---	0 0568	0 043	0 006	0 039	0	0E	0	0	---	---	21
22	---	---	0 0738	0 037	0 007	0 034	0	0E	0	0	---	---	22
23	---	---	0 1008	0 032	0 006	0 031	0	0E	0	0	---	---	23
24	---	---	0 1268	0 027	0 007	0 030	0	0E	0	0	---	---	24
25	---	---	0 1648	0 006	0 006	0 026	0	0E	0	0	---	---	25
26	---	---	0 1828	0 008	0 005	0 023	0	0E	0	0	---	---	26
27	---	---	0 1988	0 005	0 005	0 020	0	0E	0	0	---	---	27
28	---	---	0 1788	0 005	0 005	0 017	0	0E	0	0	---	---	28
29	---	---	0 150	0 005	0 004	0 014	0	0E	0	0	---	---	29
30	---		0 118	0 005	0 004	0 010	0	0E	0	0	---	---	30
31	---		0 098		0 004		0	0E		0		---	31
TOTAL	---	---	1 468	2 056	0 174	0 795	0 048	0	0	0	---	---	TOTAL
MEAN	---	---	0 047	0 069	0 006	0 027	0 002	0	0	0	---	---	MEAN
MAX	---	---	0 199	0 141	0 010	0 086	0 008	0	0	0	---	---	MAX
MIN	---	---	0	0 005	0 004	0 002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 019
MAXIMUM DAILY, 0 1988 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 29 17 N
LONG 110 44 15 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 15
FEB	---	AUG	0
MAR	127	SEP	0
APR	178	OCT	0
MAY	15 0	NOV	---
JUN	86 7	DEC	---

TOTAL DISCHARGE, 383 dam³

RIBSTONE CREEK NEAR EDGERTON - STATION NO 05FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 1388	0 028	0 533	0 519	0 226E	0	0 112	0 0188	---	1
2	---	---	0 B	0 1718	0 038	0 456E	0 516	0 284	0 E	0 103	0 0188	---	2
3	---	---	0 B	0 1888	0 042	0 403	0 459	0 098	0 E	0 084	0 0188	---	3
4	---	---	0 B	0 1878	0 036	0 798	0 580E	0 114	0	0 084	0 0188	---	4
5	---	---	0 B	0 2028	0 014	0 627	0 701	0 121	0	0 075	0 0188	---	5
6	---	---	0 B	0 1838	0 017E	0 978	1 24 E	0 087	0 E	0 084E	0 0188	---	6
7	---	---	0 B	0 178E	0 019	2 22	1 78 E	0 084	0 026E	0 053E	---	---	7
8	---	---	0 B	0 182	0 008	2 83	2 33	0 070	0 040E	0 042	---	---	8
9	---	---	0 B	0 167	0 017	2 53	2 04	0 041	0 085E	0 042	---	---	9
10	---	---	0 B	0 159	0 018	1 87	1 60	0 030E	0 084	0 036	---	---	10
11	---	---	0 B	0 214	0 011	1 76	2 78	0 020E	0 023	0 028	---	---	11
12	---	---	0 B	0 166	0 011	1 90 E	0 564	0 008	0 042	0 028	---	---	12
13	---	---	0 B	0 147E	0 010	2 04	0 698	0 013	0 034	0 030	---	---	13
14	---	---	0 B	0 128	0 010	3 92	0 695E	0 012	0 050	0 022E	---	---	14
15	---	---	0 B	0 249	0 004	3 28	0 683E	0 006	0 025E	0 014	---	---	15
16	---	---	0 B	0 208	0 004	2 08 E	0 692	0 022	0 001	0 026E	---	---	16
17	---	---	0 B	0 148	0 009	0 924	0 542	0	0 001E	0 037B	---	---	17
18	---	---	0 B	0 177	0 008	0 709	0 428	0 E	0 001	0 038B	---	---	18
19	---	---	0 B	0 030	0 008	0 886	0 442	0 E	0 001E	0 034B	---	---	19
20	---	---	0 B	0 028E	0 022	1 96	0 445E	0	0 001	0 031B	---	---	20
21	---	---	0 B	0 028	0 072	2 35	0 449	0	0 053E	0 028B	---	---	21
22	---	---	0 B	0 045	0 083	2 88	0 418	0	0 105	0 017B	---	---	22
23	---	---	0 B	0 050	0 014	2 87	0 336	0	0 086	0 017B	---	---	23
24	---	---	0 B	0 068	0 013	2 72	0 287	0	0 086	0 017B	---	---	24
25	---	---	0 0018	0 026	0 007	1 28	0 274E	0	0 087	0 017B	---	---	25
26	---	---	0 0028	0 065	0 012	0 833	0 261	0	0 088	0 017B	---	---	26
27	---	---	0 0038	0 068E	0 019	0 713	0 270	0	0 099	0 017B	---	---	27
28	---	---	0 0158	0 066	0 042	0 693E	0 218	0 026	0 180	0 017B	---	---	28
29	---	---	0 0458	0 039	0 342E	0 474	0 201	0 027	0 151E	0 018B	---	---	29
30	---	---	0 0808	0 034	0 841	0 484	0 186	0 001	0 122	0 018B	---	---	30
31	---		0 1108		0 896		0 186	0 E		0 018B		---	31
TOTAL	---	---	0 256	3 857	2 173	47 893	22 827	1 780	1 450	1 194	---	---	TOTAL
MEAN	---	---	0 008	0 128	0 070	1 60	0 736	0 041	0 048	0 039	---	---	MEAN
MAX	---	---	0 110	0 249	0 841	3 92	2 78	0 284	0 180	0 112	---	---	MAX
MIN	---	---	0	0 026	0 004	0 403	0 186	0	0	0 014	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 330
MAXIMUM DAILY, 3 92 ON JUN 14
MINIMUM DAILY, 0 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 45 18 N
LONG 110 29 00 W
DRAINAGE AREA 3 130 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 970
FEB	---	AUG	111
MAR	22 1	SEP	125
APR	333	OCT	103
MAY	188	NOV	---
JUN	4 140	DEC	---

TOTAL DISCHARGE, 6 990 dam³

RIBSTONE CREEK TRIBUTARY NEAR CORONATION - STATION NO 05FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0688	0	0	0	0	0	0 020	0	---	1
2	---	---	0 B	0 0378	0	0	0	0	0	0 016	0	---	2
3	---	---	0 B	0 0408	0	0	0	0	0	0 016	0	---	3
4	---	---	0 B	0 0428	0	0	0	0	0	0 016	0	---	4
5	---	---	0 B	0 048	0	0	0	0	0	0 015	0A	---	5
6	---	---	0 B	0 041	0	0	0	0	0	0 012	---	---	6
7	---	---	0 B	0 037	0	0	0	0	0	0 009	---	---	7
8	---	---	0 B	0 032	0	0	0	0	0	0 008	---	---	8
9	---	---	0 B	0 027	0	0	0	0	0	0 005	---	---	9
10	---	---	0 B	0 026	0	0	0	0	0	0 004	---	---	10
11	---	---	0 B	0 024	0	0	0	0	0	0 003	---	---	11
12	---	---	0 B	0 023	0	0	0	0	0	0 003	---	---	12
13	---	---	0 B	0 022	0	0	0	0	0	0 002	---	---	13
14	---	---	0 B	0 021	0	0	0	0	0	0 001	---	---	14
15	---	---	0 B	0 019	0	0	0	0	0 006	0 001	---	---	15
16	---	---	0 B	0 018	0	0	0	0	0 020	0	---	---	16
17	---	---	0 B	0 017	0	0	0	0	0 017	0	---	---	17
18	---	---	0 B	0 016	0	0	0	0	0 013	0	---	---	18
19	---	---	0 B	0 014	0	0	0	0	0 010	0	---	---	19
20	---	---	0 B	0 013	0	0	0	0	0 009	0	---	---	20
21	---	---	0 0838	0 012	0	0	0	0	0 038	0	---	---	21
22	---	---	0 1318	0 010	0	0	0	0	0 388	0	---	---	22
23	---	---	0 1808	0 009	0	0	0	0	0 188	0	---	---	23
24	---	---	0 2548	0 008	0	0	0	0	0 072	0	---	---	24
25	---	---	0 5598	0 006	0	0	0	0	0 052	0	---	---	25
26	---	---	0 5908	0 005	0	0	0	0	0 035	0	---	---	26
27	---	---	0 4848	0 004	0	0	0	0	0 036	0	---	---	27
28	---	---	0 3838	0 003	0	0	0	0	0 034	0	---	---	28
29	---	---	0 4208	0 002	0	0	0	0	0 033	0	---	---	29
30	---		0 2728	0 001	0	0	0	0	0 029	0	---	---	30
31	---		0 1318		0		0	0		0		---	31
TOTAL	---	---	3 586	0 842	0	0	0	0	0 978	0 131	---	---	TOTAL
MEAN	---	---	0 116	0 021	0	0	0	0	0 033	0 004	---	---	MEAN
MAX	---	---	0 590	0 088	0	0	0	0	0 388	0 020	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 022
MAXIMUM DAILY, 0 5908 ON MAR 26
MINIMUM DAILY, 0 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 47 N
LONG 111 14 15 W
DRAINAGE AREA, 331 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	310	SEP	84 5
APR	55 5	OCT	11 3
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 461 dam³

RICHARDSON LAKE AT THE OUTLET - STATION NO 07DD008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	28 559	---	28 732	---	---	1
2	---	---	---	---	---	---	---	28 538	---	28 697	---	---	2
3	---	---	---	---	---	---	---	28 530	---	28 649	---	---	3
4	---	---	---	---	---	28 814	---	28 548	---	28 597	---	---	4
5	---	---	---	---	---	29 037	---	28 578	---	28 578	---	---	5
6	---	---	---	---	---	29 113	---	28 637	---	28 488	---	---	6
7	---	---	---	---	---	29 149	---	28 708	---	28 453	---	---	7
8	---	---	---	---	---	29 201	---	28 690	---	28 413	---	---	8
9	---	---	---	---	---	29 253	---	28 678	---	28 385	---	---	9
10	---	---	---	---	---	29 289	---	28 654	28 449	28 363	---	---	10
11	---	---	---	---	---	29 285	---	28 637	28 337	28 335	---	---	11
12	---	---	---	---	---	29 252	---	28 630	28 355	28 386	---	---	12
13	---	---	---	---	---	29 277	---	28 685	28 358	28 420	---	---	13
14	---	---	---	---	---	29 348	---	28 735	28 373	28 466	---	---	14
15	---	---	---	---	---	29 405	---	28 700	28 452	28 490	---	---	15
16	---	---	---	---	---	29 444	---	28 692	28 521	28 476	---	---	16
17	---	---	---	---	---	29 469	---	28 661	28 539	---	---	---	17
18	---	---	---	---	---	29 461	---	28 640	28 521	---	---	---	18
19	---	---	---	---	---	29 449	---	28 629	28 556	---	---	---	19
20	---	---	---	---	---	29 441	---	28 625	28 556	---	---	---	20
21	---	---	---	---	---	29 455	---	28 605	28 582	---	---	---	21
22	---	---	---	---	---	29 442	---	28 580	28 586	---	---	---	22
23	---	---	---	---	---	29 454	28 873	28 541	28 528	---	---	---	23
24	---	---	---	---	---	29 459	28 729	28 499	28 483	---	---	---	24
25	---	---	---	---	---	29 438	28 739	28 445	28 465	---	---	---	25
26	---	---	---	---	---	29 385	28 742	---	28 548	---	---	---	26
27	---	---	---	---	---	29 299	28 736	---	28 645	---	---	---	27
28	---	---	---	---	---	---	28 718	---	28 695	---	---	---	28
29	---	---	---	---	---	---	28 682	---	28 710	---	---	---	29
30	---	---	---	---	---	---	28 645	---	28 710	---	---	---	30
31	---		---		---		28 598	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 55 N
LONG 110 58 20 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RICHARDSON RIVER NEAR THE MOUTH - STATION NO 07DD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 38	11 08	11 28	15 28	15 5	15 6	13 1	11 7	15 6	13 2	14 58	13 08	1
2	10 48	11 08	11 28	16 08	15 3	16 0	13 2	11 5	15 5	13 4	14 38	12 98	2
3	10 48	11 18	11 28	16 68	15 2	16 2	13 5	11 4	16 1	13 5	14 18	12 98	3
4	10 58	11 18	11 28	17 78	15 0	16 1	13 5	11 2	16 0	13 5	13 98	12 98	4
5	10 68	11 18	11 28	18 58	14 9	17 8	13 5	11 1	15 8	13 7	13 78	12 98	5
6	10 78	11 18	11 28	19 28	14 7	17 5	13 3	11 1	15 8	13 8	13 68	12 98	6
7	10 88	11 18	11 28	20 08	14 6	17 5	13 4	11 6	15 7	13 7	13 58	12 98	7
8	10 88	11 18	11 28	20 88	14 1	17 0	13 3	13 4	15 4	13 7	13 58	12 98	8
9	10 98	11 18	11 28	21 18	13 8	16 5	13 2	14 2	15 3	13 7	13 58	12 98	9
10	11 08	11 18	11 28	23 38	13 8	15 8	13 4	13 8	15 2	13 6	13 48	12 98	10
11	11 08	11 18	11 28	22 78	14 1	15 2	13 8	13 6	15 0	13 6	13 48	12 98	11
12	11 08	11 18	11 28	21 18	14 2	14 7	14 0	13 5	14 8	13 8	13 48	12 88	12
13	11 08	11 18	11 28	21 58	14 3	14 3	14 0	13 8	14 7	14 8	13 38	12 88	13
14	11 08	11 18	11 28	20 6	14 4	14 3	14 0	15 1	14 8	15 5	13 38	12 88	14
15	11 08	11 18	11 28	20 7	14 6	14 0	14 0	15 8	14 4	16 2	13 38	12 88	15
16	11 08	11 18	11 28	20 2	14 7	13 7	13 9	14 9	14 3	16 3	13 28	12 78	16
17	11 08	11 18	11 28	19 7	14 8	13 8	13 7	14 8	14 3	17 1	13 28	12 78	17
18	11 08	11 18	11 28	19 6	15 1	13 9	13 6	15 0	14 2	18 3	13 28	12 78	18
19	11 08	11 28	11 28	19 3	15 3	13 9	13 2	14 9	14 0	18 0	13 18	12 78	19
20	11 08	11 28	11 28	18 9	15 5	14 0	12 9	14 8	13 9	19 5	13 18	12 88	20
21	11 08	11 28	11 38	18 6	15 5	14 6	12 7	14 9	13 8	20 1	13 18	12 88	21
22	11 08	11 28	11 38	18 3	15 5	14 6	12 5	14 9	13 8	20 6	13 18	12 88	22
23	11 08	11 28	11 48	18 1	15 3	14 4	12 3	14 8	13 5	20 8	13 18	12 88	23
24	11 08	11 28	11 58	17 7	15 0	14 1	12 2	14 6	13 4	20 4	13 08	12 88	24
25	11 08	11 28	11 68	17 3	14 7	13 8	12 8	14 5	13 3	19 9	13 08	12 88	25
26	11 08	11 28	11 68	16 8	14 5	13 8	13 4	14 2	13 2	19 0	13 08	12 58	26
27	11 08	11 28	12 28	16 5	14 3	13 6	13 2	14 0	13 2	18 08	13 08	12 58	27
28	11 08	11 28	12 68	16 2	14 2	13 3	12 9	14 0	13 3	17 08	13 08	12 58	28
29	11 08	11 28	13 38	15 8	13 9	13 2	12 5	14 7	13 2	16 08	13 08	12 58	29
30	11 08		13 98	15 6	13 7	13 3	12 2	15 1	13 2	15 08	13 08	12 58	30
31	11 08		14 58		13 8		11 9	15 4		14 78		12 58	31
TOTAL	337 8	322 8	369 6	583 8	454 3	482 2	408 0	428 3	434 8	501 4	400 8	394 8	TOTAL
MEAN	10 8	11 1	11 6	18 8	14 7	15 1	13 2	13 8	14 5	16 2	13 4	12 7	MEAN
MAX	11 0	11 2	14 5	23 3	15 5	18 2	14 0	15 5	16 1	20 8	14 5	13 0	MAX
MIN	10 3	11 0	11 2	15 2	13 7	13 2	11 9	11 1	13 2	13 2	13 0	12 5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13 8
MAXIMUM DAILY, 23 38 ON APR 10
MINIMUM DAILY, 10 38 ON JAN 1
MAXIMUM INSTANTANEOUS,
23 78 AT 01 43 MST ON APR 11

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 21 48 N
LONG 111 14 14 W
DRAINAGE AREA, 2 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 200	JUL	35 300
FEB	27 900	AUG	37 000
MAR	31 100	SEP	37 600
APR	48 700	OCT	43 300
MAY	39 300	NOV	34 600
JUN	39 100	DEC	34 100

TOTAL DISCHARGE, 437 000 dam³

RIVIERE DES ROCHERS ABOVE REVILLON COUPE - STATION NO 07NA003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	207 980	207 721	207 523	---	208 486	207 861	208 940	208 806	208 786	---	208 577	1
2	---	207 951	207 722	207 523	---	208 411	208 693	208 855	208 977	208 713	---	208 586	2
3	---	207 915	207 693	207 534	207 916	208 512	208 778	208 948	208 789	208 836	---	208 583	3
4	208 124	---	207 683	207 535	---	208 543	208 903	208 959	208 810	208 820	---	208 585	4
5	---	---	207 717	207 540	---	208 627	208 970	208 933	208 849	208 527	---	---	5
6	208 130	207 916	207 669	207 520	---	208 624	208 992	209 173	209 083	208 733	---	208 520	6
7	---	207 887	207 663	207 513	---	208 622	208 938	209 072	209 127	208 715	---	---	7
8	---	207 877	207 667	207 487	208 343	208 764	208 778	208 929	208 874	208 715	---	---	8
9	---	207 833	207 659	207 502	208 465	208 624	208 879	208 952	208 750	208 640	---	---	9
10	---	207 849	207 684	207 522	208 418	208 533	208 918	208 766	208 743	208 748	---	---	10
11	---	---	207 667	207 533	208 390	208 703	208 888	208 756	208 740	208 743	---	---	11
12	208 105	---	207 672	207 522	208 369	208 726	208 951	208 937	208 747	208 683	---	---	12
13	---	---	207 674	207 497	208 408	208 769	208 941	208 941	208 703	208 563	208 881	---	13
14	---	---	207 671	207 534	208 403	208 752	208 887	208 865	208 678	208 358	208 654	---	14
15	---	---	207 677	207 593	208 425	208 818	208 813	208 878	208 897	208 535	208 589	---	15
16	---	207 868	207 682E	207 648	208 427	208 885	208 918	208 813	208 612	208 854	208 583	---	16
17	---	207 827	207 672E	207 689	208 375	208 793	208 841	208 855	208 646	209 311	208 624	---	17
18	207 996	207 818	207 666E	207 725	208 089	208 835	208 881	208 875	208 704	209 129	208 627	208 520	18
19	---	207 805	207 657E	207 819	207 957	208 896	208 871	208 832	208 729	208 771	208 613	208 485	19
20	---	207 807	207 648E	208 014	207 885	208 913	208 962	208 847	208 783	208 721	208 583	208 498	20
21	---	207 784	207 642E	208 443	207 849	208 817	208 899	208 894	208 923	208 698	208 570	208 469	21
22	---	207 776	207 633E	---	207 834	208 883	208 901	208 815	208 817	208 677	208 588	208 468	22
23	---	207 778	207 624E	---	208 224	208 849	208 878	208 804	208 733	208 786	208 583	208 462	23
24	207 816	207 787	207 615E	---	208 474	208 801	209 042	208 773	208 759	208 702	208 557	208 454	24
25	207 816	207 745	207 608E	---	208 582	208 784	209 050	208 749	208 733	208 682	208 556	208 451	25
26	207 908	207 743	207 599E	---	208 580	208 833	209 041	208 598	208 674	208 437	208 565	208 445	26
27	207 899	207 744	207 590E	---	208 513	208 838	208 983	208 763	208 583	208 248	208 561	208 435	27
28	207 882	207 770	207 584E	---	208 541	208 789	208 914	208 521	208 650	208 191	208 600	208 417	28
29	207 887	207 755	207 579E	---	208 531	208 956	208 915	208 724	208 700	208 310	208 577	208 414	29
30	207 911		207 521	---	208 600	208 702	208 966	208 753	208 822	208 363	208 573	208 404	30
31	207 930		207 523		208 727		208 950	208 809		---		208 383	31
MEAN	---	---	207 648	---	---	208 749	208 877	208 853	208 778	---	---	---	MEAN
MAX	---	---	207 722	---	---	208 966	209 050	209 173	209 127	---	---	---	MAX
MIN	---	---	207 521	---	---	208 411	207 861	208 521	208 583	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 50 30 N
LONG 111 16 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS ABOVE SLAVE RIVER - STATION NO 07NA001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	206 878	206 178	205 832	---	208 223	207 074	207 800	207 134	207 703	207 733	208 246	1
2	---	206 890	206 162	205 972	---	208 033	207 375	207 574	207 243	207 569	207 992	208 265	2
3	---	206 885	206 135	205 988	---	207 983	207 560	207 535	207 458	207 511	208 058	208 257	3
4	---	206 844	206 084	206 010	---	207 869	207 705	207 534	207 490	207 446	207 951	208 248	4
5	---	---	206 081	206 011	---	208 014	207 877	207 524	207 413	207 289	207 864	208 228	5
6	207 526	---	206 032	206 003	---	208 198	208 073	207 622	207 351	207 244	---	208 198	6
7	207 519	---	205 976	205 984	---	208 297	208 174	207 625	207 413	207 219	---	208 142	7
8	207 517	---	205 939	205 893	---	208 261	208 002	207 513	207 254	207 174	---	208 084	8
9	207 506	---	205 922	205 991	---	208 120	207 975	207 454	207 075	207 112	---	208 060	9
10	207 493	---	205 899	206 014	---	207 958	207 937	207 354	206 971	207 103	---	206 005	10
11	207 485	---	205 884	206 048	---	208 042	207 898	207 322	206 865	207 089	---	207 952	11
12	207 468	---	205 880	206 095	---	208 123	207 966	207 501	206 811	207 080	---	207 948	12
13	207 404	---	205 845	206 156	---	208 483	208 060	207 578	206 818	207 033	208 213	207 919	13
14	207 339	---	205 822	206 236	---	208 745	208 092	207 515	206 889	206 885	---	207 923	14
15	207 259	---	205 803	206 324	---	208 848	208 045	207 483	207 073	206 914	---	207 921	15
16	207 189	206 731	205 809	206 452	---	208 869	208 088	207 399	207 284	207 188	---	207 956	16
17	207 116	206 737	205 787	206 590	---	208 760	208 003	207 368	207 459	207 780	---	207 986	17
18	207 034	206 740	205 801	206 716	---	208 716	208 068	207 348	207 562	206 024	---	202 020	18
19	207 000	206 691	205 788	206 818	---	208 712	208 129	207 253	207 635	207 980	---	208 024	19
20	206 925	206 629	205 759	206 969	---	208 689	208 162	207 194	207 644	207 948	---	208 013	20
21	206 849	206 524	205 760	---	---	208 604	208 074	207 152	207 721	207 938	---	207 961	21
22	206 802	206 410	205 766	---	---	208 525	207 953	207 067	207 868	207 867	208 058	207 901	22
23	206 733	206 341	205 756	---	207 404	208 383	207 903	207 065	207 554	207 832	208 055	207 840	23
24	206 653	206 300	205 741	---	208 039	208 206	207 924	207 017	207 542	207 706	208 051	207 797	24
25	206 647	206 280	205 703	---	208 301	208 041	207 998	206 989	207 588	207 589	208 056	---	25
26	206 651	206 256	205 685	---	208 405	207 924	208 023	206 901	207 666	---	208 073	---	26
27	206 668	206 236	205 684	---	208 430	207 828	207 950	206 941	207 601	---	208 094	---	27
28	206 708	206 229	205 723	---	208 445	207 690	207 805	206 816	207 529	---	208 152	---	28
29	206 755	206 202	205 789	---	208 421	207 696	207 719	206 930	207 664	---	208 186	---	29
30	206 818		205 832	---	208 365	207 676	207 890	207 004	207 693	---	208 213	---	30
31	206 852		205 883		208 365		207 649	207 085		---		---	31
MEAN	---	---	205 869	---	---	208 254	207 902	207 288	207 372	---	---	---	MEAN
MAX	---	---	206 178	---	---	208 869	208 174	207 625	207 721	---	---	---	MAX
MIN	---	---	205 684	---	---	207 676	207 074	206 816	206 811	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 59 30 N
LONG 111 24 00 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS EAST OF LITTLE RAPIDS - STATION NO. 07NA007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	207.882	207.722	207.550	208.126	208.481	208.005	208.943	208.917	208.805	208.453	208.590	1
2	---	207.859	207.728	207.547	208.034	208.425	208.711	208.951	209.011	208.720	208.530	208.604	2
3	---	207.833	207.890	207.555	207.954	208.836	208.948	208.922	208.822	208.827	208.563	208.600	3
4	208.145	207.838	207.894	207.550	208.012	208.565	208.887	208.958	208.827	208.813	208.566	208.582	4
5	208.090	207.844	207.739	207.553	208.292	208.644	208.953	208.933	208.870	208.549	208.549	208.591	5
6	208.078	207.828	207.892	207.529	208.217	208.837	208.887	208.141	209.082	208.746	208.580	208.580	6
7	208.068	207.817	207.870	207.512	208.231	208.834	208.938	209.056	209.131	208.722	208.584	208.558	7
8	208.063	207.801	207.868	207.492	208.327	208.782	208.803	208.919	208.888	208.712	208.570	208.543	8
9	---	207.850	207.844	207.519	208.349	208.655	208.852	208.936	208.778	208.633	208.584	208.538	9
10	---	207.883	207.822	207.522	208.348	208.566	208.927	208.759	208.765	208.753	208.614	208.503	10
11	---	207.839	207.842	207.529	208.314	208.728	208.905	208.752	208.752	208.737	208.617	208.462	11
12	208.102	207.871	207.880	207.530	208.292	208.746	208.971	208.928	208.748	208.678	208.638	---	12
13	208.095	207.831	207.845	207.503	208.331	208.780	208.966	208.923	208.709	208.571	208.657	---	13
14	208.086	207.838	---	207.524	208.333	208.800	208.911	208.851	208.686	208.371	208.642	---	14
15	208.058	207.831	---	207.589	208.356	208.878	208.848	208.871	208.708	208.535	208.571	---	15
16	208.032	207.835	207.854	207.540	208.370	208.841	208.948	208.820	208.625	208.831	208.583	---	16
17	208.020	207.826	207.808	207.678	208.317	208.853	208.887	208.854	208.857	209.278	208.588	---	17
18	208.013	207.826	207.850	207.710	208.056	208.891	208.906	208.890	208.715	209.100	208.607	208.501	18
19	---	207.817	207.818	207.807	207.826	208.830	208.895	208.841	208.739	208.770	208.590	208.487	19
20	---	207.812	207.573	208.003	207.867	208.848	208.883	208.845	208.788	208.737	208.580	208.487	20
21	---	207.777	207.804	208.475	207.828	208.847	208.918	208.882	208.831	208.700	208.556	208.450	21
22	---	207.784	207.582	208.474	207.814	208.885	208.933	208.816	208.848	208.699	208.567	---	22
23	---	207.762	207.559	208.488	208.205	208.883	209.004	208.809	208.785	208.785	208.567	---	23
24	207.907	207.751	207.583	208.485	208.451	208.824	209.063	208.787	208.789	208.694	208.584	---	24
25	207.911	207.743	207.556	208.475	208.565	208.787	209.078	208.784	208.742	208.676	208.586	---	25
26	207.904	207.719	207.581	208.480	208.555	208.864	209.080	208.813	208.887	208.440	208.557	---	26
27	207.911	207.740	207.568	208.446	208.518	208.864	209.013	208.775	208.583	208.205	208.589	---	27
28	207.889	207.781	207.577	208.321	208.544	208.821	208.932	208.523	208.857	208.159	208.596	---	28
29	207.887	207.755	207.571	208.243	208.542	208.983	208.933	208.717	208.898	208.268	208.590	---	29
30	207.915		207.546	208.172	208.597	208.704	208.978	208.778	208.802	208.321	208.581	---	30
31	207.923		207.582		208.710		208.961	208.830		208.382		---	31
MEAN	---	207.840	---	207.884	208.270	208.775	208.896	208.851	208.780	208.652	208.577	---	MEAN
MAX	---	207.952	---	208.498	208.710	208.983	209.078	209.141	209.131	209.278	208.657	---	MAX
MIN	---	207.719	---	207.492	207.814	208.425	208.005	208.523	208.583	208.159	208.453	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 208.278 ON OCT 17
MINIMUM DAILY, 207.492 ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 55 N
LONG 111 10 30 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

RIVIERE DES ROCHERS WEST OF LITTLE RAPIDS - STATION NO. 07NA008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	206.048	205.863	---	208.187	---	207.852	207.145	207.749	208.446	207.926	1
2	---	---	206.187	206.004	---	208.023	---	207.635	207.217	207.615	208.250	207.885	2
3	---	---	206.183	206.020	206.205	207.980	207.573	207.601	207.291	207.563	208.116	207.884	3
4	207.608	---	206.144	206.034	---	207.874	207.753	207.595	207.150	207.504	208.138	207.881	4
5	207.536	---	206.119	206.051	---	208.012	207.926	207.572	207.120	207.342	208.263	207.909	5
6	207.511	---	206.083	206.045	---	208.216	208.104	207.696	207.194	207.276	208.350	207.926	6
7	207.821	---	206.014	206.052	---	208.312	208.187	207.694	207.512	207.275	208.386	207.957	7
8	207.841	---	205.983	206.042	---	208.291	208.037	207.578	207.350	207.199	208.372	207.984	8
9	207.859	---	205.968	206.035	---	208.147	208.021	207.520	207.310	207.150	208.334	208.017	9
10	207.812	---	205.937	206.045	---	207.995	207.998	207.414	---	207.134	208.276	208.070	10
11	207.806	---	205.929	206.077	---	208.081	207.852	207.382	---	207.111	208.278	208.089	11
12	207.568	---	205.921	206.130	---	208.187	208.010	207.566	---	207.068	208.269	208.118	12
13	---	---	205.887	---	---	208.476	208.102	207.647	---	207.052	208.271	208.135	13
14	---	206.738	205.862	---	---	208.708	208.134	207.584	---	206.938	208.261	208.131	14
15	---	---	205.840	---	---	208.802	208.092	207.526	---	206.936	208.330	208.128	15
16	---	---	205.844	---	---	208.838	208.132	207.451	---	207.140	208.337	208.112	16
17	---	---	205.848	---	---	208.745	208.043	207.425	---	207.718	208.304	208.075	17
18	---	---	205.844	---	---	208.899	208.126	207.415	---	207.582	208.267	208.028	18
19	---	---	205.842	---	---	---	208.183	207.329	---	207.710	208.214	207.958	19
20	---	---	205.787	---	---	---	208.235	207.261	---	207.774	208.187	207.907	20
21	---	---	205.782	---	---	---	208.184	207.239	---	207.820	208.184	207.886	21
22	---	---	205.787	---	---	---	208.029	207.188	---	207.905	208.105	207.878	22
23	---	---	205.789	---	207.458	---	207.894	207.181	---	207.983	208.080	207.870	23
24	208.839	---	205.781	---	207.975	---	208.011	207.085	207.570	208.110	208.088	207.868	24
25	---	---	205.748	---	208.234	---	208.083	207.053	207.638	208.281	208.083	207.833	25
26	---	---	205.727	---	208.321	---	208.074	207.019	207.676	208.375	208.078	207.787	26
27	---	---	205.723	---	208.352	---	208.008	206.989	207.636	208.484	208.058	207.762	27
28	---	---	205.744	---	208.358	---	207.869	206.892	207.681	208.458	208.008	207.748	28
29	---	---	205.809	---	208.350	---	207.784	206.886	207.688	208.925	207.974	207.724	29
30	---		205.854	---	208.315	---	207.764	207.027	207.728	208.858	207.953	207.670	30
31	207.130		205.912		208.300		207.706	207.080		208.845		207.649	31
MEAN	---	---	205.902	---	---	---	---	207.385	---	207.720	208.207	207.832	MEAN
MAX	---	---	206.187	---	---	---	---	207.898	---	208.858	208.446	208.135	MAX
MIN	---	---	205.723	---	---	---	---	206.958	---	206.936	207.953	207.649	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 55 35 N
LONG 111 12 15 W
DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

ROBERT CREEK NEAR ANZAC - STATION NO. 07CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.058B	0.100E	0.700E	0.257	0.082	0.110	0.090	0.078B	---	1
2	---	---	0 B	0.076B	0.087E	2.00 E	0.208	0.047	0.115	0.085	0.075B	---	2
3	---	---	0 B	0.107B	0.094E	1.75 E	0.172	0.045	0.112	0.084	0.073B	---	3
4	---	---	0 B	0.145B	0.082E	1.58 E	0.146	0.043	0.102	0.088	0.072B	---	4
5	---	---	0 B	0.130B	0.050E	1.41	0.122	0.055	0.094	0.089	0.071B	---	5
6	---	---	0 B	0.117B	0.088E	1.43	0.120	0.085	0.081	0.094	0.071B	---	6
7	---	---	0 B	0.112B	0.086E	1.40	0.750	0.056	0.088	0.094	---	---	7
8	---	---	0 B	0.115B	0.055E	1.31	1.89	0.085	0.085	0.091	---	---	8
9	---	---	0 B	0.128B	0.084E	1.16	1.60	0.056	0.087	0.091	---	---	9
10	---	---	0 B	0.150B	0.083E	1.05	1.22	0.054	0.089	0.088	---	---	10
11	---	---	0 B	0.224B	0.082E	0.938	0.782	0.053	0.104	0.100	---	---	11
12	---	---	0 B	0.310B	0.082E	0.795	0.477	0.048	0.096	0.113	---	---	12
13	---	---	0 B	0.460B	0.082E	0.645	0.451	0.040	0.088	0.180	---	---	13
14	---	---	0 B	0.480B	0.085E	0.520	0.628	0.054	0.078	0.229	---	---	14
15	---	---	0 B	0.460B	0.091E	0.480	0.821	0.059	0.071	0.302	---	---	15
16	---	---	0 B	0.350E	0.100E	0.388	0.516	0.051	0.057	0.186	---	---	16
17	---	---	0 B	0.260E	0.118E	0.535	0.380	0.084	0.057	0.206	---	---	17
18	---	---	0 B	0.230E	0.145E	0.881	0.299	0.060	0.057	0.298	---	---	18
19	---	---	0 B	0.203E	0.190E	0.451	0.212	0.050	0.058	0.549	---	---	19
20	---	---	0 B	0.188E	0.250E	0.519	0.178	0.044	0.065	0.483	---	---	20
21	---	---	0 0018	0.174E	0.400E	0.457	0.164	0.043	0.056	0.389	---	---	21
22	---	---	0 0018	0.160E	0.520E	0.348	0.155	0.039	0.054	0.325	---	---	22
23	---	---	0 0028	0.149E	0.800E	0.265	0.140	0.036	0.061	0.281	---	---	23
24	---	---	0.0028	0.139E	0.530E	0.210	0.123	0.037	0.086	0.2348	---	---	24
25	---	---	0.0038	0.130E	0.487E	0.189	0.107	0.033	0.070	0.2018	---	---	25
26	---	---	0.0048	0.123E	0.387	0.184	0.097	0.030	0.072	0.1718	---	---	26
27	---	---	0.0068	0.117E	0.351	0.167	0.091	0.032	0.075	0.1458	---	---	27
28	---	---	0 0128	0.111E	0.318	0.144	0.082	0.049	0.077	0.1258	---	---	28
29	---	---	0.0228	0.107E	0.287	0.138	0.072	0.144	0.077	0.1058	---	---	29
30	---	---	0.0308	0.103E	0.270	0.388	0.067	0.171	0.081	0.0908	---	---	30
31	---		0.0428		0.281		0.057	0.130		0.0838		---	31
TOTAL	---	---	0.126	5.814	8.573	22.210	11.982	1.805	2.442	5.633	---	---	TOTAL
MEAN	---	---	0.004	0.187	0.212	0.740	0.387	0.058	0.081	0.182	---	---	MEAN
MAX	---	---	0.042	0.480	0.500	2.00	1.89	0.171	0.115	0.549	---	---	MAX
MIN	---	---	0	0.056	0.082	0.138	0.057	0.030	0.054	0.083	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.230
MAXIMUM DAILY, 2.00E ON JUN 2
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 20 00 N
LONG 110 58 00 W

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 040
FEB	---	AUG	156
MAR	10 8	SEP	211
APR	485	OCT	487
MAY	568	NOV	---
JUN	1 920	DEC	---

TOTAL DISCHARGE, 4 880 dam³

ROCKY CREEK NEAR VALLEYVIEW - STATION NO. 07CF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.010B	0.217	0.084	0.073	0.001	0.002E	0.018	---	---	1
2	---	---	---	0.010B	0.174	0.087	0.049	0.002	0.001E	0.017	---	---	2
3	---	---	---	0.011B	0.189	0.048	0.023	0.004	0.001E	0.017	---	---	3
4	---	---	---	0.013B	0.189	0.033	0.012	0.002	0.002E	0.021	---	---	4
5	---	---	---	0.013B	0.158	0.043	0.011	0.002	0.001	0.021	---	---	5
6	---	---	---	0.013B	0.104	0.072	0.011	0.001	0.021	0.019	---	---	6
7	---	---	---	0.022B	0.012	0.182	0.018	0.001	0.020	0.018	---	---	7
8	---	---	---	0.021B	0.007	0.419	0.022	0.001	0.054	0.018	---	---	8
9	---	---	---	0.022B	0.024	0.411	0.017	0.001	0.058	0.017	---	---	9
10	---	---	---	0.026B	0.157	0.242	0.012	0.002	0.054	0.016	---	---	10
11	---	---	---	0.025B	0.228	0.161	0.008	0.078	0.082	0.016	---	---	11
12	---	---	---	0.024B	0.205	0.113	0.007	0.126	0.067	0.015	---	---	12
13	---	---	---	0.026B	0.161	0.088	0.008	0.018	0.055	0.014	---	---	13
14	---	---	---	0.031B	0.127	0.071	0.004	0.002	0.040	0.022	---	---	14
15	---	---	---	0.040B	0.134	0.053	0.004	0.003	0.031	0.025	---	---	15
16	---	---	---	0.037B	0.839E	0.040	0.003	0.002	0.029	0.024	---	---	16
17	---	---	---	0.028B	1.50 E	0.032	0.003	0.001	0.037	0.026	---	---	17
18	---	---	---	0.035B	0.943	0.026	0.003	0.035	0.033	0.0348	---	---	18
19	---	---	0.0018	0.035B	0.482	0.025	0.004	0.010	0.030	0.0348	---	---	19
20	---	---	---	0.032B	0.329	0.024	0.003	0.003	0.025	0.0308	---	---	20
21	---	---	---	0.039B	0.329	0.025	0.004	0.002	0.025	0.0268	---	---	21
22	---	---	0.0038	0.040B	0.599	0.022	0.004	0.002	0.024	0.0278	---	---	22
23	---	---	0.0058	0.031B	0.544	0.022	0.003	0.001	0.021	0.0338	---	---	23
24	---	---	0.0078	0.052B	0.363	0.017	0.003	0.014	0.021	0.0838	---	---	24
25	---	---	0.0068	0.050B	0.248	0.011	0.002	0.005	0.023	0.1028	---	---	25
26	---	---	0.0078	0.040B	0.178	0.012	0.002	0.001	0.025	0.0858	---	---	26
27	---	---	0.0098	0.108	0.158	0.014	0.002	0.001E	0.023	0.0788	---	---	27
28	---	---	0.0108	0.208	0.111	0.010	0.002	0.001E	0.021	0.0458	---	---	28
29	---	---	0.0108	0.308	0.107	0.014	0.001	0 E	0.020	0.0228	---	---	29
30	---		0.0108	0.275	0.083	0.088	0.001	0 E	0.020	0.0358	---	---	30
31	---		0.0108		0.088		0.001	0 E		0.0308		---	31
TOTAL	---	---	---	1.675	8.803	2.452	0.316	0.320	0.852	0.869	---	---	TOTAL
MEAN	---	---	---	0.054	0.284	0.082	0.010	0.010	0.028	0.031	---	---	MEAN
MAX	---	---	---	0.308	1.50	0.419	0.073	0.126	0.067	0.102	---	---	MAX
MIN	---	---	---	0.010	0.007	0.010	0.001	0	0.001	0.014	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.50E ON MAY 17
MINIMUM DAILY, 0E ON AUG 28
MAXIMUM INSTANTANEOUS,
2.32A AT 02:30 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 56 05 N
LONG 117 46 35 W
DRAINAGE AREA, 18.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	27 3
FEB	---	AUG	27.6
MAR	---	SEP	73.6
APR	145	OCT	83.7
MAY	761	NOV	---
JUN	212	DEC	---

ROLLING HILLS CANAL NO. 1 SPILL - STATION NO 05BN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.913	0.451	1.84	0.585	0.022	---	---	1
2	---	---	---	---	0	1.20	0.514	3.38 A	0.745	1.21	---	---	2
3	---	---	---	---	1.43	1.31	0.802	1.55	0.817	1.28	---	---	3
4	---	---	---	---	2.03	1.12	1.18	2.26 A	0.936	0.974	---	---	4
5	---	---	---	---	0.273	1.01	0.937	2.83 A	0.622	0.494	---	---	5
6	---	---	---	---	0.002	0.671	1.43	1.21	0.577	0.133	---	---	6
7	---	---	---	---	0.306	0.670	1.51	0.534	0.764	0.064	---	---	7
8	---	---	---	---	0.387	1.22	1.86	0.612	0.755	0.061	---	---	8
9	---	---	---	---	0.323	2.10	2.03	0.698	0.937	0.123	---	---	9
10	---	---	---	---	0.188	3.16	1.37	0.848	0.752	0.191	---	---	10
11	---	---	---	---	0.215	3.02	0.774	0.695	0.072	0.177	---	---	11
12	---	---	---	---	0.259	2.08	0.781	0.327	0.044	0.314	---	---	12
13	---	---	---	---	0.232	0.801	0.682	0.200	0.036	0.375	---	---	13
14	---	---	---	---	1.30	0.303	0.375	0.159	0.020	0.423	---	---	14
15	---	---	---	---	1.82	0.472	0.223	0.771	0.010	0.301	---	---	15
16	---	---	---	---	0.916	0.531	0.864	0.999	0.005	0.013	---	---	16
17	---	---	---	0.077A	0.384	0.765	0.567	1.12	0.001	0.0088	---	---	17
18	---	---	---	0.007	0.403	0.793	0.743	1.23	0	0.0188	---	---	18
19	---	---	---	0.001	0.453	0.179	0.719	1.67	0	0.0108	---	---	19
20	---	---	---	0	0.497	0.548	0.984	1.22	0.001	0 B	---	---	20
21	---	---	---	0	0.527	1.02	0.720	1.13	0	0 B	---	---	21
22	---	---	---	0	1.23	3.18	0.879	1.08	0.002	0 B	---	---	22
23	---	---	---	0	1.05	1.54	1.19	0.694	0.006	0 B	---	---	23
24	---	---	---	0	0.680	0.334	0.825	0.523	0.005	0 B	---	---	24
25	---	---	---	0	0.389	0.148	0.592	0.378	0.002	0 B	---	---	25
26	---	---	---	0	0.215	0.200	0.628	0.274	0.002	0 B	---	---	26
27	---	---	---	0	0.281	0.184	1.08	0.208	0.007	0 B	---	---	27
28	---	---	---	0	0.448	1.44	0.982	0.611	0.007	0 B	---	---	28
29	---	---	---	0	1.01	1.26	1.00	1.15	0.012	0 B	---	---	29
30	---		---	0	1.02	0.729	1.59	0.311	0.020	0 B	---	---	30
31	---		---		0.885		1.88	0.164		0 B		---	31
TOTAL	---	---	---	---	19.113	32.679	30.032	29.676	7.834	8.202	---	---	TOTAL
MEAN	---	---	---	---	0.617	1.09	0.969	0.964	0.261	0.200	---	---	MEAN
MAX	---	---	---	---	2.03	3.18	2.03	2.83	0.938	1.29	---	---	MAX
MIN	---	---	---	---	0	0.148	0.223	0.159	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.683
MAXIMUM DAILY, 3.18 ON JUN 22
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 00 N
LONG 111 45 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 590
FEB	---	AUG	2 580
MAR	---	SEP	677
APR	---	OCT	536
MAY	1 650	NOV	---
JUN	2 820	DEC	---

TOTAL DISCHARGE, 10 900 dam³

ROLLING HILLS CANAL NO 2 SPILL - STATION NO 05BN019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0.212	0.329	0.567	0.411	0	---	---	1
2	---	---	---	---	0	0.220	0.358	0.710	0.474	0	---	---	2
3	---	---	---	---	0.228	0.281	0.413	0.577	0.536	0.080	---	---	3
4	---	---	---	---	1.05	0.383	0.375	0.804	0.515	0.387	---	---	4
5	---	---	---	---	0.351	0.480	0.318	0.451	0.384	0.113	---	---	5
6	---	---	---	---	0.132	0.375	0.320	0.289	0.345	0.023	---	---	6
7	---	---	---	---	0.244	0.307	0.348	0.327	0.462	0.016	---	---	7
8	---	---	---	---	0.328	0.355	0.309	0.378	0.417	0.024	---	---	8
9	---	---	---	---	0.295	0.487	0.327	0.454	0.448	0.023	---	---	9
10	---	---	---	---	0.233	0.419	0.361	0.408	0.511	0.237	---	---	10
11	---	---	---	---	0.202	0.455	0.398	0.438	0.205	0.361	---	---	11
12	---	---	---	---	0.221	0.484	0.386	0.444	0.142	0.325	---	---	12
13	---	---	---	---	0.210	0.251	0.294	0.275	0.237	0.151	---	---	13
14	---	---	---	---	0.212	0.230	0.208	0.094	0.071	0.218	---	---	14
15	---	---	---	---	0.161	0.347	0.187	0.189	0.030	0.126	---	---	15
16	---	---	---	---	0.208	0.303	0.266	0.214	0.020	0.036	---	---	16
17	---	---	---	0A	0.087	0.288	0.314	0.196	0.020	0.0088	---	---	17
18	---	---	---	0	0.112	0.184	0.405	0.261	0.012	0.0188	---	---	18
19	---	---	---	0	0.146	0.088	0.316	0.417	0.010	0.0438	---	---	19
20	---	---	---	0	0.176	0.139	0.257	0.311	0.009	0.0388	---	---	20
21	---	---	---	0	0.183	0.318	0.275	0.214	0.012	0.0128	---	---	21
22	---	---	---	0	0.427	0.749	0.420	0.249	0.018	0.0118	---	---	22
23	---	---	---	0	0.335	0.484	0.583	0.188	0.011	0.0108	---	---	23
24	---	---	---	0	0.302	0.173	0.484	0.202	0.009	0.0128	---	---	24
25	---	---	---	0	0.235	0.092	0.330	0.220	0.009	0.0258	---	---	25
26	---	---	---	0	0.284	0.091	0.375	0.254	0.009	0.0208	---	---	26
27	---	---	---	0	0.384	0.354	0.514	0.275	0.008	0.0188	---	---	27
28	---	---	---	0	0.418	0.420	0.432	0.332	0.006	0.0108	---	---	28
29	---	---	---	0	0.419	0.281	0.373	0.672	0.003	0.0058	---	---	29
30	---		---	0	0.246	0.295	0.474	0.363	0.001	0.0018	---	---	30
31	---		---		0.284		0.581	0.281		0.0018		---	31
TOTAL	---	---	---	---	8.125	9.646	11.291	11.044	5.324	2.385	---	---	TOTAL
MEAN	---	---	---	---	0.282	0.318	0.364	0.356	0.177	0.077	---	---	MEAN
MAX	---	---	---	---	1.05	0.749	0.583	0.804	0.536	0.397	---	---	MAX
MIN	---	---	---	---	0	0.088	0.187	0.094	0.001	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.289
MAXIMUM DAILY, 1.05 ON MAY 4
MINIMUM DAILY, 0 ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 59 N
LONG 111 41 04 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	878
FEB	---	AUG	854
MAR	---	SEP	460
APR	---	OCT	206
MAY	702	NOV	---
JUN	825	DEC	---

TOTAL DISCHARGE, 4 120 dam³

ROLPH CREEK NEAR KIMBALL - STATION NO. 05AE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.203	0.086	0.074	0.043	0.027	0	0.010	---	---	1
2	---	---	0 B	0.188	0.094	0.072	0.033	0.052	0	0.010	---	---	2
3	---	---	0 B	0.167	0.091	0.078	0.028	0.060	0	0.012	---	---	3
4	---	---	0 B	0.158	0.075	0.074	0.032	0.059	0	0.015	---	---	4
5	---	---	0 B	0.145	0.072	0.077	0.027	0.057	0	0.015	---	---	5
6	---	---	0 B	0.138	0.079	0.071	0.027	0.054	0	0.018	---	---	6
7	---	---	0 B	0.127	0.076	0.085	0.027	0.052	0	0.018	---	---	7
8	---	---	0 B	0.127	0.078	0.052	0.023	0.057	0	0.017	---	---	8
9	---	---	0 B	0.111	0.080	0.058	0.008	0.055	0	0.018	---	---	9
10	---	---	0 B	0.102	0.071	0.074	0.003	0.060	0	0.018	---	---	10
11	---	---	0.0028	0.111	0.081	0.078	0.004	0.083	0	0.026	---	---	11
12	---	---	0.0028	0.087	0.058	0.078	0.003	0.071	0	0.018	---	---	12
13	---	---	0.0038	0.111	0.049	0.080	0.001	0.075	0	0.012	---	---	13
14	---	---	0.0058	0.110	0.047	0.078	0.008	0.080	0	0.007	---	---	14
15	---	---	0.0058	0.106	0.050	0.070	0.008	0.081	0	0.003	---	---	15
16	---	---	0.0078	0.108	0.063	0.063	0.014	0.086	0	0.001	---	---	16
17	---	---	0.1158	0.116	0.060	0.057	0.012	0.085	0	0.001	---	---	17
18	---	---	0.2488	0.129	0.053	0.058	0.011	0.083	0	0.007	---	---	18
19	---	---	0.2178	0.151	0.056	0.065	0.001	0.038	0	0.016	---	---	19
20	---	---	0.1988	0.183	0.054	0.067	0.001	0.012	0	0.018	---	---	20
21	---	---	0.1808	0.203	0.051	0.080	0.004	0	0	0.016	---	---	21
22	---	---	0.2208	0.219	0.041	0.089	0.011	0	0	0.014	---	---	22
23	---	---	0.2608	0.205	0.048	0.083	0.020	0	0.004	0.015	---	---	23
24	---	---	0.1878	0.171	0.047	0.080	0.015	0	0.004	0.018	---	---	24
25	---	---	0.1608	0.154	0.049	0.088	0.027	0	0.001	0.011	---	---	25
26	---	---	0.1328	0.138	0.054	0.080	0.032	0	0.007	0.012	---	---	26
27	---	---	0.1748	0.122	0.061	0.088	0.033	0	0.010	0.016	---	---	27
28	---	---	0.2288	0.116	0.084	0.068	0.039	0	0.011	0.015	---	---	28
29	---	---	0.226	0.111	0.078	0.064	0.054	0	0.012	0.0178	---	---	29
30	---	---	0.222	0.104	0.085	0.049	0.055	0	0.010	0.0178	---	---	30
31	---		0.217		0.085		0.034	0		0.0178		---	31
TOTAL	---	---	3.005	4.232	2.024	2.143	0.643	1.195	0.059	0.425	---	---	TOTAL
MEAN	---	---	0.097	0.141	0.065	0.071	0.021	0.039	0.002	0.014	---	---	MEAN
MAX	---	---	0.260	0.219	0.098	0.080	0.055	0.086	0.012	0.026	---	---	MAX
MIN	---	---	0	0.097	0.041	0.048	0.001	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.056
MAXIMUM DAILY, 0.2608 ON MAR 23
MINIMUM DAILY, 0B ON MAR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 30 N
LONG 113 08 30 W
DRAINAGE AREA, 219 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55.6
FEB	---	AUG	103
MAR	250	SEP	5.10
APR	366	OCT	36.7
MAY	175	NOV	---
JUN	185	DEC	---

TOTAL DISCHARGE, 1 190 dam³

ROMEO CREEK ABOVE ROMEO LAKE - STATION NO. 07BB903

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.2218	0.008	0.047	0.142	0	0	0	---	---	1
2	---	---	---	0.2188	0.007	0.043	0.117	0	0	0	---	---	2
3	---	---	---	0.2158	0.004	0.026	0.101	0	0	0	---	---	3
4	---	---	---	0.1928	0.015	0.017	0.092	0	0	0	---	---	4
5	---	---	---	0.1698	0.085	0.009	0.084	0	0	0	---	---	5
6	---	---	---	0.1468	0.080	0.059	0.088	0	0	0	---	---	6
7	---	---	---	0.1238	0.065	1.55	0.075	0	0.001	0	---	---	7
8	---	---	---	0.1008	0.060	4.41	0.063	0	0.003	0	---	---	8
9	---	---	---	0.0784	0.068	4.26	0.058	0	0.001	0	---	---	9
10	---	---	---	0.0698	0.078	3.06	0.053	0	0.004	0	---	---	10
11	---	---	---	0.061	0.125	2.17	0.047	0	0.003	0	---	---	11
12	---	---	---	0.060	0.170	1.62	0.049	0	0.004	0	---	---	12
13	---	---	---	0.056	0.121	1.36	0.046	0	0.001	0	---	---	13
14	---	---	---	0.055	0.103	1.15	0.037	0	0.001	0	---	---	14
15	---	---	---	0.055	0.133	0.988	0.029	0.008	0.002	0	---	---	15
16	---	---	---	0.043	0.204	0.837	0.024	0.019	0	0	---	---	16
17	---	---	---	0.038	0.679	0.718	0.013	0.009	0	0	---	---	17
18	---	---	---	0.038	0.819	0.825	0.006	0.007	0	0	---	---	18
19	---	---	---	0.036	0.559	0.544	0.001	0.003	0	0	---	---	19
20	---	---	---	0.035	0.602	0.481	0.004	0	0.001	0.001	0.001	---	20
21	---	---	---	0.028	0.434	0.412	0.002	0	0.007	0.001	---	---	21
22	---	---	0.1088	0.018	0.329	0.357	0	0	0.008	0 B	---	---	22
23	---	---	0.1538	0.011	0.251	0.331	0.001	0.002	0.008	0 B	---	---	23
24	---	---	---	0.010	0.221	0.298	0	0.005	0.007	0 B	---	---	24
25	---	---	---	0.002	0.190	0.280	0	0.008	0.004	0 B	---	---	25
26	---	---	---	0.001	0.142	0.262	0.002	0.008	0.003	0 B	---	---	26
27	---	---	0.1798	0.003	0.103	0.231	0.011	0.005	0.001	0 B	---	---	27
28	---	---	---	0.001	0.105	0.212	0.005	0.001	0.001	0 B	---	---	28
29	---	---	0.2278	0.001	0.068	0.188	0.001	0	0	0 B	---	---	29
30	---	---	---	0.002	0.087	0.183	0	0	0	0 B	---	---	30
31	---		---		0.053		0	0		0 B		---	31
TOTAL	---	---	---	2.081	5.986	28.746	1.185	0.077	0.060	0.002	---	---	TOTAL
MEAN	---	---	---	0.069	0.193	0.892	0.037	0.002	0.002	0	---	---	MEAN
MAX	---	---	---	0.221	0.819	4.41	0.142	0.019	0.008	0.001	---	---	MAX
MIN	---	---	---	0.001	0.004	0.009	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.189
MAXIMUM DAILY, 4.41 ON JUN 8
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
4.94 AT 18:14 MST ON JUN 8

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 20 N
LONG 114 54 05 W
DRAINAGE AREA, 114 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	99.8
FEB	---	AUG	5.65
MAR	---	SEP	5.18
APR	180	OCT	0.17
MAY	517	NOV	---
JUN	2 310	DEC	---

TOTAL DISCHARGE, 3 120 dam³

ROMALANE WASTEWAY NEAR HAYS - STATION NO. 05BN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0 228	0 204	0 422	0 191	0 144	---	---	1
2	---	---	---	---	0	0 104	0 311	0 451	0 311	0 132	---	---	2
3	---	---	---	---	0	0 149	0 357	0 247	0 282	0 195	---	---	3
4	---	---	---	---	0	0 132	0 148	0 265	0 313	0 389	---	---	4
5	---	---	---	---	0	0 256	0 094	0 351	0 429	0 324	---	---	5
6	---	---	---	---	0	0 139	0 093	0 411	0 403	0 211	---	---	6
7	---	---	---	---	0	0 123	0 108	0 323	0 423	0 182	---	---	7
8	---	---	---	---	0	0 211	0 143	0 238	0 247	0 130	---	---	8
9	---	---	---	---	0	0 454	0 182	0 165	0 264	0 119	---	---	9
10	---	---	---	---	0	0 584	0 262	0 148	0 331	0 126	---	---	10
11	---	---	---	---	0	0 885	0 269	0 193	0 420	0 123	---	---	11
12	---	---	---	---	0	1 423	0 272	0 184	0 300	0 120	---	---	12
13	---	---	---	---	0	0 520	0 220	0 191	0 260	0 091	---	---	13
14	---	---	---	---	0	0 117	0 254	0 193	0 272	0 076	---	---	14
15	---	---	---	---	0	0 332	0 185	0 221	0 269	0 081	---	---	15
16	---	---	---	---	0 082	0 110	0 184	0 218	0 298	0 048	---	---	16
17	---	---	---	0A	0 580	0 296	0 108	0 244	0 278	0 049	---	---	17
18	---	---	---	0	0 350	0 319	0 148	0 330	0 264	0 016	---	---	18
19	---	---	---	0	0 558	0 532	0 437	0 403	0 242	0	---	---	19
20	---	---	---	0	0 521	0 630	0 415	0 408	0 217	0	---	---	20
21	---	---	---	0	0 462	0 596	0 188	0 344	0 257	0	---	---	21
22	---	---	---	0	0 299	0 643	0 211	0 327	0 241	0	---	---	22
23	---	---	---	0	0 149	1 55	0 314	0 266	0 233	0	---	---	23
24	---	---	---	0	0 315	0 593	0 220	0 206	0 263	0 024	---	---	24
25	---	---	---	0	0 202	0 550	0 361	0 297	0 256	0 0418	---	---	25
26	---	---	---	0	0 233	0 551	0 234	0 278	0 248	0 0328	---	---	26
27	---	---	---	0	0 141	0 410	0 191	0 240	0 240	0 0298	---	---	27
28	---	---	---	0	0 107	0 252	0 260	0 199	0 203	0 0258	---	---	28
29	---	---	---	0	0 249	0 369	0 436	0 169	0 183	0 0208	---	---	29
30	---		---	0	0 193	0 299	0 531	0 170	0 162	0 0208	---	---	30
31	---		---		0 304		0 582	0 201		0 0158		---	31
TOTAL	---	---	---	---	4 715	12 458	7 898	8 298	8 319	2 782	---	---	TOTAL
MEAN	---	---	---	---	0 152	0 415	0 255	0 268	0 277	0 087	---	---	MEAN
MAX	---	---	---	---	0 580	1 55	0 582	0 451	0 429	0 389	---	---	MAX
MIN	---	---	---	---	0	0 104	0 093	0 146	0 162	0	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 241
MAXIMUM DAILY, 1 55 ON JUN 23
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 111 35 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	682
FEB	---	AUG	717
MAR	---	SEP	719
APR	---	OCT	233
MAY	407	NOV	---
JUN	1 060	DEC	---

TOTAL DISCHARGE, 3 840 dam³

ROSE CREEK NEAR ALDER FLATS - STATION NO 05DE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 2688	1 66 B	0 494	1 24	0 399	0 027	0 020	1 00	---	---	1
2	---	---	0 1948	1 32 B	0 512	1 26	0 283	0 028	0 020	0 907	---	---	2
3	---	---	0 1988	1 11 B	0 985	0 937	0 263	0 028	0 018	0 805	---	---	3
4	---	---	0 1868	0 7818	4 30	0 736	0 244	0 024	0 023	0 701	---	---	4
5	---	---	0 1888	0 6008	4 81	0 644	0 211	0 027	0 022	0 586	---	---	5
6	---	---	0 2258	0 5158	4 28	0 611	0 182	0 037	0 058	0 526	---	---	6
7	---	---	0 2078	0 5308	3 80	0 921	0 168	0 084	0 477	0 524	---	---	7
8	---	---	0 1618	0 5628	2 97	2 56	0 156	0 046	0 721	0 523	---	---	8
9	---	---	0 1858	0 5508	2 57	7 03	0 130	0 052	0 745	0 475	---	---	9
10	---	---	0 2098	0 5548	2 40	8 11	0 123	0 049	0 478	0 435	---	---	10
11	---	---	0 2138	0 5598	2 26	6 01	0 105	0 047	0 417	0 446	---	---	11
12	---	---	0 1998	0 6068	2 14	4 32	0 098	0 046	0 425	0 474	---	---	12
13	---	---	0 1778	0 642	1 99	3 56	0 102	0 043	0 429	0 488	---	---	13
14	---	---	0 1628	0 603	1 80	2 86	0 092	0 044	0 438	0 439	---	---	14
15	---	---	0 1518	0 533	1 68	2 24	0 088	0 044	0 374	0 384	---	---	15
16	---	---	0 1528	0 524	2 22	2 15	0 098	0 041	0 301	0 385	---	---	16
17	---	---	0 1888	0 545	4 80	2 24	0 083	0 037	0 285	0 405	---	---	17
18	---	---	0 1888	0 833	4 37	1 91	0 081	0 036	0 232	0 4488	---	---	18
19	---	---	0 2258	0 615	3 45	1 84	0 078	0 037	0 213	0 5008	---	---	19
20	---	---	0 2938	0 669	2 84	1 66	0 071	0 029	0 213	0 4808	---	---	20
21	---	---	0 3868	0 680	2 38	1 59	0 066	0 027	0 833	0 4508	---	---	21
22	---	---	0 4168	0 708	2 00	1 42	0 080	0 027	2 83	0 4008	---	---	22
23	---	---	0 4708	0 718	1 75	1 10	0 051	0 024	2 61	0 3808	---	---	23
24	---	---	0 8978	0 681	1 71	0 888	0 045	0 022	2 19	0 3908	---	---	24
25	---	---	1 11 B	0 664	1 85	0 786	0 041	0 020	1 81	0 4108	---	---	25
26	---	---	1 37 B	0 684	1 84	0 590	0 034	0 018	1 64	0 4208	---	---	26
27	---	0 1618	1 31 B	0 614	1 67	0 628	0 030	0 017	1 49	0 4208	---	---	27
28	---	0 1678	1 04 B	0 536	1 51	0 523	0 027	0 017	1 21	0 4008	---	---	28
29	---	0 2858	0 9228	0 481	1 30	0 492	0 025	0 016	1 07	0 3718	---	---	29
30	---		1 45 B	0 483	1 02	0 439	0 024	0 016	1 01	0 3808	---	---	30
31	---		1 73 B		0 889		0 030	0 018		0 3508		---	31
TOTAL	---	---	15 109	20 580	72 330	81 214	3 490	1 012	22 180	15 543	---	---	TOTAL
MEAN	---	---	0 487	0 686	2 33	2 04	0 113	0 033	0 739	0 501	---	---	MEAN
MAX	---	---	1 73	1 66	4 81	8 11	0 399	0 084	2 83	1 00	---	---	MAX
MIN	---	---	0 151	0 481	0 494	0 439	0 024	0 016	0 018	0 350	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 883
MAXIMUM DAILY, 8 11 ON JUN 10
MINIMUM DAILY, 0 016 ON AUG 29
MAXIMUM INSTANTANEOUS,
8 74 AT 22:00 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 48 N
LONG 115 00 36 W
DRAINAGE AREA, 533 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	302
FEB	---	AUG	87 4
MAR	1 310	SEP	1 820
APR	1 780	OCT	1 340
MAY	6 250	NOV	---
JUN	5 290	DEC	---

TOTAL DISCHARGE, 18 300 dam³

ROSEBUD RIVER AT REDLAND - STATION NO 05CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.120B	1.73 B	0.691	1.35	1.90 E	5.77	3.34	3.90	0.600B	---	1
2	---	---	0.115B	1.29 B	0.681	1.35E	1.58	5.73	2.98	3.22	0.520B	---	2
3	---	---	0.110B	0.855B	0.924	1.41	1.19	4.15	2.67	2.97	0.420B	---	3
4	---	---	0.105B	0.454B	1.16	1.36	1.42	3.55	2.60	2.51	0.350B	---	4
5	---	---	0.112B	1.70 B	1.09	1.26	1.26	3.27	2.48	2.26	0.300B	---	5
6	---	---	0.130B	1.32	0.947	1.09	1.14	3.42	2.29	2.13	0.270B	---	6
7	---	---	0.150B	1.40 E	0.976	1.05	1.11	3.34	2.68	1.87	0.250B	---	7
8	---	---	0.170B	1.66	1.09	1.32	0.853	3.41	3.19	1.69	0.235B	---	8
9	---	---	0.160B	1.24	1.13	2.40	0.847	2.68	3.31	1.45	0.221B	---	9
10	---	---	0.150B	1.11	1.15 E	4.61	1.10	2.28	3.58	1.22	0.210B	---	10
11	---	---	0.145B	1.08	1.13	5.79	1.11	2.33	3.56	1.05	0.200B	---	11
12	---	---	0.140B	0.971	0.853	5.20	1.13	2.24	3.15	0.985	0.190B	---	12
13	---	---	0.135B	0.853	1.08	4.87	1.14 E	2.34	3.03	0.859	0.180B	---	13
14	---	---	0.130B	0.853	1.10	3.37	1.19	2.49	3.13	0.853	0.170B	---	14
15	---	---	0.133B	0.770E	1.16	2.99	1.19 E	3.03	3.10	0.710	0.160B	---	15
16	---	---	0.130B	0.695	1.23	2.80E	1.23	3.09	3.09	0.873	0.150B	---	16
17	---	---	0.125B	0.695	1.30	2.18	1.31	2.90	3.05	0.800B	0.140B	---	17
18	---	---	0.120B	0.745	1.20	1.91	1.38	3.22	2.93	0.636B	0.130B	---	18
19	---	---	0.125B	0.750E	1.70	1.85	1.25	3.20E	2.78	0.620B	0.120B	---	19
20	---	---	0.133B	0.745	1.78	1.99	1.37	3.22	2.85	0.590B	0.110B	---	20
21	---	---	0.200B	0.745	1.80 E	1.98	1.48	3.60E	2.88	0.610B	0.100B	---	21
22	---	---	0.677B	0.695	1.42	2.40E	1.33	3.91	3.86	0.836B	0.095B	---	22
23	---	---	0.270B	0.686	1.41	2.90E	1.95	4.03	4.62	0.680B	0.090B	---	23
24	---	---	2.19 B	0.686	1.40	3.40E	2.85 E	3.88	5.24	0.691	0.085B	---	24
25	---	---	2.79 B	0.650	1.40	3.90	3.45	3.88	5.29	0.645	0.080B	---	25
26	---	---	2.40 B	0.605	1.65								26
27	---	---	2.57 B	0.555	2.01	3.58	2.93	3.82	5.14	0.700	0.075B	---	27
28	---	0.067B	2.06 B	0.421	2.84	2.98	2.34	3.72	4.85	0.720	0.070B	---	28
29	---	0.080B	1.90 B	0.505	2.60	2.77	2.22	3.86	4.50	0.750B	0.065B	---	29
30	---	0.100B	2.09 B	0.458	2.37	2.32	2.25	3.56	4.60E	0.788B	0.060B	---	30
31	---		2.15 B	0.458	1.61	2.14	2.83	3.48	4.20E	0.740B	0.055B	---	31
			2.10 B		1.35		3.90	3.55		0.670B			
TOTAL	---	---	23.765	26.494	42.652	78.43	51.730	105.76	105.49	38.385	5.701	---	TOTAL
MEAN	---	---	0.767	0.883	1.38	2.61	1.67	3.44	3.52	1.24	0.190	---	MEAN
MAX	---	---	2.79	1.73	2.84	5.79	3.90	5.77	5.29	3.90	0.800	---	MAX
MIN	---	---	0.105	0.421	0.691	1.08	0.847	2.24	2.29	0.590	0.055	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.93
MAXIMUM DAILY, 5.79 ON JUN 11
MINIMUM DAILY, 0.105B ON MAR 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 17 35 N
LONG 113 00 10 W
DRAINAGE AREA, 3 580 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 470
FEB	---	AUG	9 220
MAR	2 050	SEP	9 110
APR	2 290	OCT	3 320
MAY	3 690	NOV	493
JUN	6 780	DEC	---

TOTAL DISCHARGE, 40 900 dam³

ROSEBUD RIVER BELOW CARSTAIRS CREEK - STATION NO 05CE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.051B	0.110	0.008	0	0	0	0	---	---	1
2	---	---	0 B	0.041B	0.114	0.005	0	0	0	0	---	---	2
3	---	---	0 B	0.033B	0.135	0.004	0	0	0	0	---	---	3
4	---	---	0 B	0.039B	0.185	0.002	0	0	0	0	---	---	4
5	---	---	0 B	0.045B	0.142	0.005	0	0	0	0	---	---	5
6	---	---	0 B	0.020B	0.124	0.004	0	0	0	0	---	---	6
7	---	---	0 B	0.024B	0.117	0.003	0	0	0	0	---	---	7
8	---	---	0 B	0.020B	0.112	0.011	0	0	0	0	---	---	8
9	---	---	0 B	0.018B	0.113	0.017	0	0	0	0	---	---	9
10	---	---	0 B	0.018B	0.106	0.022	0	0	0	0	---	---	10
11	---	---	0 B	0.018B	0.097	0.032	0	0	0	0	---	---	11
12	---	---	0 B	0.018B	0.093	0.024	0	0	0	0	---	---	12
13	---	---	0 B	0.018B	0.099	0.016	0	0	0	0	---	---	13
14	---	---	0 B	0.018B	0.076	0.011	0	0	0	0	---	---	14
15	---	---	0 B	0.017B	0.072	0.005	0	0	0	0	---	---	15
16	---	---	0 B	0.017B	0.072	0.004	0	0	0	0	---	---	16
17	---	---	0 B	0.017B	0.067	0.003	0	0	0	0	---	---	17
18	---	---	0 B	0.017B	0.053	0.002	0	0	0	0	---	---	18
19	---	---	0.002B	0.019	0.041	0.018	0	0	0	0	---	---	19
20	---	0B	0.005B	0.023	0.033	0.023	0	0	0	0	---	---	20
21	---	0B	0.056B	0.025	0.026	0.015	0	0	0	0	---	---	21
22	---	0B	0.387B	0.019	0.022	0.011	0	0	0	0	---	---	22
23	---	0B	0.411B	0.015	0.020	0.008	0	0	0	0	---	---	23
24	---	0B	0.372B	0.014	0.020	0.004	0	0	0	0	---	---	24
25	---	0B	0.295B	0.014	0.022	0.003	0	0	0	0	---	---	25
26	---	0B	0.180B	0.014	0.018	0.002	0	0	0	0	---	---	26
27	---	0B	0.126B	0.014	0.017	0.001	0	0	0	0	---	---	27
28	---	0B	0.099B	0.013	0.015	0.001	0	0	0	0	---	---	28
29	---	0B	0.083B	0.009	0.012	0.001	0	0	0	0	---	---	29
30	---		0.074B	0.082	0.011	0.001	0	0	0	0	---	---	30
31	---		0.064B		0.011		0	0		0		---	31
TOTAL	---	---	2.184	0.590	2.155	0.268	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.070	0.023	0.070	0.009	0	0	0	0	---	---	MEAN
MAX	---	---	0.411	0.082	0.185	0.032	0	0	0	0	---	---	MAX
MIN	---	---	0	0.009	0.011	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.022
MAXIMUM DAILY, 0.411B ON MAR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.682B AT 21:44 MST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 25 00 N
LONG 113 43 35 W
DRAINAGE AREA, 763 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	167	SEP	0
APR	58.6	OCT	0
MAY	186	NOV	---
JUN	23.2	DEC	---

TOTAL DISCHARGE, 456 dam³

ROSS CREEK AT OUTLET OF ELKWATER LAKE - STATION NO 05AH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0	0	B	0.0019	0	0	0	0	0	0	---	---	1
2	---	0.0	0	B	0.0028	0	0	0	0	0	0	---	---	2
3	---	0.0	0	B	0.0028	0	0	0	0	0	0	---	---	3
4	---	0.0	0	B	0.0028	0	0	0	0	0	0	---	---	4
5	---	0.0	0	B	0	0	0	0	0	0	0	---	---	5
6	---	0.0	0	B	0	0	0	0	0	0	0	---	---	6
7	---	0.0	0	B	0	0	0	0	0	0	0	---	---	7
8	---	0.0	0	B	0	0	0	0	0	0	0	---	---	8
9	---	0.0	0	B	0	0	0	0	0	0	0.285	---	---	9
10	---	0.0	0	B	0	0	0	0	0	0	0.529	---	---	10
11	---	0.0	0	B	0	0	0	0	0	0	0.526	---	---	11
12	---	0.0	0	B	0	0	0	0	0	0	0.484	---	---	12
13	---	0.0	0	B	0	0	0	0	0	0	0.428	---	---	13
14	---	0.0	0	B	0	0	0	0	0	0	0.418	---	---	14
15	---	0.0	0	B	0	0	0	0	0	0	0.422	---	---	15
16	---	0.0	0	B	0	0	0	0	0	0	0.4208	---	---	16
17	---	0.0	0	B	0	0	0	0	0	0	0.2008	---	---	17
18	---	0.0	0	B	0	0	0	0	0	0	0.0078	---	---	18
19	---	0.0	0	B	0	0	0	0	0	0	0.0128	---	---	19
20	---	0.0	0	B	0	0	0	0	0	0	0.0158	---	---	20
21	---	0.0	0	B	0	0	0	0	0	0	J 0.0138	---	---	21
22	---	0.0	0	0018	0	0	0	0	0	0	0.0108	---	---	22
23	---	0.0	0	0038	0	0	0	0	0	0	0.0088	---	---	23
24	---	0.0	0	0018	0	0	0	0	0	0	0.0078	---	---	24
25	---	0.0	0	B	0	0	0	0	0	0	0.0088	---	---	25
26	---	0.0	0	B	0	0	0	0	0	0	0.0188	---	---	26
27	---	0.0	0	0018	0	0	0	0	0	0	0.0158	---	---	27
28	---	0.0	0	0028	0	0	0	0	0	0	0.0138	---	---	28
29	---	0.0	0	0018	0	0	0	0	0	0	0.0108	---	---	29
30	---		0	0018	0	0	0	0	0	0	0.0078	---	---	30
31	0.0		0	0018		0		0	0		0 B		---	31
TOTAL	---	0	0	010	0.007	0	0	0	0	0	3.834	---	---	TOTAL
MEAN	---	0	0		0	0	0	0	0	0	0.124	---	---	MEAN
MAX	---	0	0	002	0.002	0	0	0	0	0	0.529	---	---	MAX
MIN	---	0	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.529 ON OCT 10
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.651 AT 12:30 MST ON OCT 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 42 N
LONG 110 17 43 W
DRAINAGE AREA, 30.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0.86	SEP	0
APR	0.80	OCT	332
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 333 dam³

ROSS CREEK NEAR IRVINE - STATION NO 05AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.0	0	B	0.039	0	0	0	0	0	0	---	---	1
2	---	0.0	0	B	0.035	0	0	0	0	0	0	---	---	2
3	---	0.0	0	B	0.035	0	0	0	0	0	0	---	---	3
4	---	0.0	0	B	0.033	0	0	0	0	0	0	---	---	4
5	---	0.0	0	B	0.017	0	0	0	0	0	0	---	---	5
6	---	0.0	0	B	0.027	0	0	0	0	0	0	---	---	6
7	---	0.0	0	B	0.042	0	0	0	0	0	0	---	---	7
8	---	0.0	0	B	0.040	0	0	0	0	0	0	---	---	8
9	---	0.0	0	B	0.038	0	0	0	0	0	0	---	---	9
10	---	0.0	0	B	0.038	0	0	0	0	0	0	---	---	10
11	---	0.0	0	B	0.043	0	0	0	0	0	0	---	---	11
12	---	0.0	0	B	0.038	0	0	0	0	0	0	---	---	12
13	---	0.0	0	B	0.036	0	0	0	0	0	0	---	---	13
14	---	0.0	0	B	0.013	0	0	0	0	0	0	---	---	14
15	---	0.0	0	B	0.004	0	0	0	0	0	0	---	---	15
16	---	0.0	0	B	0	0	0	0	0	0	0	---	---	16
17	---	0.0	0	B	0	0	0	0	0	0	0	---	---	17
18	---	0.0	0	B	0	0	0	0	0	0	0	---	---	18
19	---	0.0	0	B	0	0	0	0	0	0	0	---	---	19
20	---	0.0	0	B	0.001	0	0	0	0	0	0	---	---	20
21	---	0.0	0	B	0.010	0	0	0	0	0	0	---	---	21
22	---	0.0	0	B	0.008	0	0	0	0	0	0	---	---	22
23	---	0.0	0.031		0.008	0	0	0	0	0	0	---	---	23
24	---	0.0	0.028		0.004A	0	0	0	0	0	0	---	---	24
25	---	0.0	0.036		0.003E	C	0	0	0	0	0	---	---	25
26	0.0	0.0	0.039		0.002E	0	0	0	0	0	0	---	---	26
27	0.0	0.0	0.023		0.002	0	0	0	0	0	0	---	---	27
28	0.0	0.0	0.0178		0.001	0	0	0	0	0	0	---	---	28
29	0.0	0.0	0.002		0	0	0	0	0	0	0	---	---	29
30	0.0		0		0	0	0	0	0	0	0	---	---	30
31	0.0		0	018		0		0	0		0A		---	31
TOTAL	---	0	0	185	0.490	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.006		0.016	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.039		0.043	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.043 ON APR 11
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.046 AT 21:15 MST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 17 N
LONG 110 20 08 W
DRAINAGE AREA, 524 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	16.0	SEP	0
APR	42.3	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 58.3 dam³

RYCROFT SURVEY NO 3 NEAR RYCROFT - STATION NO 07FD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002E	0	0	0 003	0	0	0	---	---	1
2	---	---	0 B	0.002E	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.002E	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.002E	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.001E	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 001E	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 001E	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0 037	0	0	0	0	0	---	---	17
18	---	---	---	0	0 002	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0 070	0	0	0	0	0	---	---	21
22	---	---	0 0158	0	0 045	0	0	0	0	08	---	---	22
23	---	---	---	0	0 003	0	0	0	0	08	---	---	23
24	---	---	---	0	0	0	0	0	0	08	---	---	24
25	---	---	---	0	0	0	0	0	0	08	---	---	25
26	---	---	---	0	0	0	0	0	0	08	---	---	26
27	---	---	---	0	0	0	0	0	0	08	---	---	27
28	---	---	0 0158	0	0	0	0	0	0	08	---	---	28
29	---	---	---	0	0	0	0	0	0	08	---	---	29
30	---	08	---	0	0	0	0	0	0	08	---	---	30
31	---	---	---		0	0 012	0	0		08		---	31
TOTAL	---	---	---	0 011	0 147	0 012	0 003	0	0	0	---	---	TOTAL
MEAN	---	---	---	0	0 005	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	0 002	0 070	0 012	0 003	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.070 ON MAY 21
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.135 AT 16 52 MST ON MAY 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 45 00 N
LONG 118 35 00 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 28
FEB	---	AUG	0
MAR	---	SEP	0
APR	0 95	OCT	0
MAY	12 7	NOV	---
JUN	1 04	DEC	---

SADDLE RIVER NEAR WOKING - STATION NO 07FD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 8808	0 311	1 00	4 34	0 007	0 001	0 086	---	---	1
2	---	---	0 B	0 7818	0 336	0 907	2 75	0 007	0 001	0 084	---	---	2
3	---	---	0 B	0 5828	0 278	0 857	1 60	0 008	0 001	0 073	---	---	3
4	---	---	0 B	0 4858	0 405	0 475	0 859	0 007A	0 001	0 070	---	---	4
5	---	---	0 B	0 2938	0 310	0 844	0 831	0 007E	0 001	0 085	---	---	5
6	---	---	0 B	0 3588	0 178	1 08	0 439	0 007E	0 003	0 081	---	---	6
7	---	---	0 B	0 3048	0 185	11 0	0 377	0 007E	0 003	0 107	---	---	7
8	---	---	0 B	0 2848	0 080	27 8	0 313	0 007E	0 003	0 124	---	---	8
9	---	---	0 B	0 488	0 068	14 2	0 302	0 008E	0 003	0 135	---	---	9
10	---	---	0 B	0 530	0 068	8 04	0 250	0 009E	0 002	0 188	---	---	10
11	---	---	0 B	0 318	0 068	5 23	0 151	0 008E	0 002	0 150	---	---	11
12	---	---	0 0028	0 228	0 060	3 51	0 103	0 008E	0 002	0 185	---	---	12
13	---	---	0 0028	0 245	0 042	2 85	0 120	0 008A	0 002	0 202	---	---	13
14	---	---	0 0018	0 269	0 025	2 06	0 083	0 008E	0 005	0 218	---	---	14
15	---	---	0 0188	0 221	0 048	1 37	0 072	0 005E	0 003	0 331	---	---	15
16	---	0 B	0 0408	0 289	0 704	1 07	0 051	0 005E	0 003	0 227	---	---	16
17	---	0 0158	0 0278	0 805	18 3	0 810A	0 084	0 004E	0 007	0 2288	---	---	17
18	---	0 0608	0 B	0 374	12 3	0 740E	0 047	0 004E	0 010	0 2368	---	---	18
19	---	0 2008	0 0018	0 238	7 50	0 592E	0 031	0 003E	0 010	0 2528	---	---	19
20	---	0 4008	0 0848	0 185	5 88	0 448E	0 025	0 003E	0 013	0 2648	---	---	20
21	---	0 2358	2 25 B	0 202	5 58	0 378A	0 025	0 002E	0 014	0 2288	---	---	21
22	---	0 2008	2 45 B	0 078	8 08	0 301	0 025	0 002E	0 016	0 1888	---	---	22
23	---	0 1308	2 36 B	0 078	8 08	0 288	0 023	0 002E	0 027	0 1808	---	---	23
24	---	0 0408	1 82 B	0 087	7 02	0 202	0 018	0 001E	0 031	0 1888	---	---	24
25	---	0 0108	1 17 B	0 088	5 57	0 225	0 016	0 001E	0 031	0 1808	---	---	25
26	---	0 0028	1 08 B	0 088	3 85	0 159	0 009	0 001E	0 037	0 2048	---	---	26
27	---	0 0018	0 8008	0 085	3 10	0 138	0 010	0 001A	0 028	0 0848	---	---	27
28	---	0 B	1 52 B	0 408	2 27	0 118	0 008	0 001	0 030	0 0558	---	---	28
29	---	0 B	1 78 B	0 188	1 88	0 135	0 011	0 001	0 040	0 0328	---	---	29
30	---		0 8078	0 231	1 52	0 273	0 008	0	0 051	0 0208	---	---	30
31	---		0 8378		1 28		0 007	0		0 0108		---	31
TOTAL	---	---	17 269	9 438	95 451	85 884	12 718	0 130	0 383	4 653	---	---	TOTAL
MEAN	---	---	0 557	0 315	3 11	2 80	0 410	0 004	0 013	0 144	---	---	MEAN
MAX	---	---	2 46	0 880	18 3	27 8	4 34	0 009	0 051	0 284	---	---	MAX
MIN	---	---	0	0 087	0 025	0 118	0 007	0	0 001	0 010	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 929
MAXIMUM DAILY, 27 8 ON JUN 8
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
34 5 AT 04:00 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 38 N
LONG 118 41 51 W
DRAINAGE AREA, 536 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 100
FEB	---	AUG	11 2
MAR	1 490	SEP	33 1
APR	515	OCT	365
MAY	8 330	NOV	---
JUN	7 510	DEC	---

TOTAL DISCHARGE, 19 700 dam³

SAGE CREEK AT Q RANCH NEAR WILDHORSE - STATION NO. 11AA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.030	0	0	0	0	0	0	---	---	1
2	---	---	0	0.051	0	0	0	0	0	0	---	---	2
3	---	---	0	0.037	0	0	0	0	0	0	---	---	3
4	---	---	0	0.025	0	0	0	0	0	0	---	---	4
5	---	---	0	0.013	0	0	0	0	0	0	---	---	5
6	---	---	0	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0.140	0	0	0	0	0	0	---	---	8
9	---	---	0	0.121	0	0	0	0	0	0	---	---	9
10	---	---	0	0.085	0	0	0	0	0	0	---	---	10
11	---	---	0	0.064	0	0	0	0	0	0	---	---	11
12	---	---	0	0.121	0	0	0	0	0	0	---	---	12
13	---	---	0	0.088	0	0	0	0	0	0	---	---	13
14	---	---	0	0.027	0	0	0	0	0	0	---	---	14
15	---	---	0	0.014	0	0	0	0	0	0	---	---	15
16	---	---	0	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	1.87	0	0	0	0	0	0	0	---	---	22
23	---	---	1.46	0	0	0	0	0	0	0	---	---	23
24	---	---	0.978	0	0	0	0	0	0	0	---	---	24
25	---	---	0.864	0	0	0	0	0	0	0	---	---	25
26	---	---	0.725	0	0	0	0	0	0	0	---	---	26
27	---	---	0.605	0	0	0	0	0	0	0	---	---	27
28	---	---	0.346	0	0	0	0	0	0	0	---	---	28
29	---	0A	0.195	0	0	0	0	0	0	0A	---	---	29
30	---		0.131	0	0	0	0	0	0	0E		---	30
31	---		0.065		0		0	0				---	31
TOTAL	---	---	8.954	0.809	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.224	0.027	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.87	0.140	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 1.87 ON MAR 22
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.46 AT 13:40 MST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 29 N
LONG 110 13 23 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	801	SEP	0
APR	69.9	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 871 dam³

SAKWATAMAU RIVER NEAR WHITECOURT - STATION NO. 07AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.6198	1.748	4.18	9.14	10.5	1.15	1.81	3.42	---	---	1
2	---	---	0.6198	1.728	3.84	9.97	9.82	0.981	1.71	3.30	---	---	2
3	---	---	0.6198	1.858	4.46	8.78	7.81	0.978	1.70	3.27	---	---	3
4	---	---	0.6198	2.178	7.20	7.48	6.24	1.44	1.80	3.24	---	---	4
5	---	---	0.6198	2.669	11.0	7.18	5.12	3.85	1.88	3.21	---	---	5
6	---	---	0.6198	3.428	11.7	12.4	5.93	2.87	1.82	3.04	---	---	6
7	---	---	0.6198	4.338	8.54	71.8	7.42	2.83	2.76	2.85	---	---	7
8	---	---	0.5808	4.758	8.27	89.2	7.36	4.02	10.3	2.69	---	---	8
9	---	---	0.5008	4.618	8.32	81.6	7.44	3.30	8.92	2.59	---	---	9
10	---	---	0.4508	4.508	22.5	38.0	6.83	2.44	7.47	2.48	---	---	10
11	---	---	0.4408	4.548	24.4	28.4	5.43	1.90	6.83	2.40	---	---	11
12	---	---	0.4308	4.088	18.4	20.8	5.19	1.61	7.04	2.33	---	---	12
13	---	---	0.4208	3.888	15.1	20.0	8.02	1.88	7.76	2.25	---	---	13
14	---	---	0.4208	3.558	13.8	17.3	8.78	4.31	7.13	2.32	---	---	14
15	---	---	0.4208	4.708	11.4	13.7	8.59	8.50	6.13	2.85	---	---	15
16	---	---	0.4208	7.518	13.8	11.5	5.13	5.56	5.32	4.32	---	---	16
17	---	---	0.4208	12.1	54.2	11.1	4.08	4.25	4.64	3.84	---	---	17
18	---	---	0.4208	11.4	48.6	10.4	3.42	3.20	4.46	2.895	---	---	18
19	---	---	0.4208	10.4	32.1	9.14	3.12	2.65	4.61	2.868	---	---	19
20	---	---	0.4208	9.28	33.4	8.50	2.98	2.54	4.48	2.928	---	---	20
21	---	---	0.4208	8.32	18.7	8.30	2.92	2.84	5.25	2.868	---	---	21
22	---	---	0.4308	8.43	32.3	7.47	2.90	4.24	6.19	2.858	---	---	22
23	---	---	0.4508	8.71	26.6	7.13	3.30	3.61	6.15	2.828	---	---	23
24	---	---	0.4738	7.91	21.8	6.90	3.05	2.84	5.48	2.808	---	---	24
25	---	---	0.5298	7.03	18.2	6.19	2.67	2.48	5.02	2.808	---	---	25
26	---	---	0.5288	8.48	14.7	5.44	2.07	2.00	4.72	2.858	---	---	26
27	---	---	0.7248	8.81	12.4	4.81	1.77	1.83	4.32	2.958	---	---	27
28	---	---	0.9508	8.40	10.8	4.31	1.56	1.73	3.87	2.938	---	---	28
29	---	---	1.258	8.84	9.38	4.28	1.57	1.85	3.81	2.908	---	---	29
30	---	---	1.408	8.62	8.06	8.08	1.46	2.38	3.51	2.498	---	---	30
31	---	---	1.438		8.32		1.30	2.20		2.458		---	31
TOTAL	---	---	18.813	173.18	518.81	535.68	152.17	86.459	146.56	88.78	---	---	TOTAL
MEAN	---	---	0.607	5.77	16.7	17.8	4.81	2.79	4.85	2.86	---	---	MEAN
MAX	---	---	1.42	12.1	54.2	89.2	10.5	8.50	10.3	4.32	---	---	MAX
MIN	---	---	0.430	1.72	3.84	4.28	1.30	0.978	1.88	2.25	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.02
MAXIMUM DAILY, 89.2 ON JUN 8
MINIMUM DAILY, 0.4208 ON MAR 13
MAXIMUM INSTANTANEOUS,
107 AT 07:05 MST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 12 05 N
LONG 115 46 40 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 100
FEB	---	AUG	7 470
MAR	1 630	SEP	13 700
APR	15 000	OCT	7 670
MAY	44 800	NOV	---
JUN	48 300	DEC	---

TOTAL DISCHARGE, 149 000 dam³

SAM LAKE TRIBUTARY NEAR SCHULER - STATION NO 05AH047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0B	0	0	0	0	0	0	0	---	---	1
2	---	0B	0B	0	0	0	0	0	0	0	---	---	2
3	---	0B	0B	0	0	0	0	0	0	0	---	---	3
4	---	0B	0B	0	0	0	0	0	0	0	---	---	4
5	---	0B	0B	0	0	0	0	0	0	0	---	---	5
6	---	0B	0B	0	0	0	0	0	0	0	---	---	6
7	---	0B	0B	0	0	0	0	0	0	0	---	---	7
8	---	0B	0B	0	0	0	0	0	0	0	---	---	8
9	---	0B	0B	0	0	0	0	0	0	0	---	---	9
10	---	0B	0B	0	0	0	0	0	0	0	---	---	10
11	---	0B	0B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0B	0	0	0	0	0	0	0	---	---	12
13	---	0B	0B	0	0	0	0	0	0	0	---	---	13
14	---	0B	0B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0B	0	0	0	0	0	0	0	---	---	16
17	---	0B	0B	0	0	0	0	0	0	0	---	---	17
18	---	0B	0B	0	0	0	0	0	0	0	---	---	18
19	---	0B	0B	0	0	0	0	0	0	0	---	---	19
20	---	0B	0B	0	0	0	0	0	0	0	---	---	20
21	---	0B	0B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0	0	0	0	0	0	0	0	---	---	24
25	0B	0B	0	0	0	0	0	0	0	0	---	---	25
26	0B	0B	0	0	0	0	0	0	0	0	---	---	26
27	0B	0B	0	0	0	0	0	0	0	0	---	---	27
28	0B	0B	0	0	0	0	0	0	0	0	---	---	28
29	0B	0B	0	0	0	0	0	0	0	0A	---	---	29
30	0B		0	0	0	0	0	0	0	0E		---	30
31	0B		0		0		0						31
TOTAL	---	0	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 46 N
LONG 110 15 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

SAND RIVER NEAR THE MOUTH - STATION NO 05AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1 238	2 888	7 11	30 5	10 9	5 28	2 76	5 55	8 808	---	1
2	---	---	1 248	3 358	7 00	35 0	10 2	4 89	2 76	5 56	8 508	---	2
3	---	---	1 258	4 428	6 55	42 5	9 50	4 63	2 95	5 63	8 108	---	3
4	---	---	1 268	5 108	6 39	46 5	8 81	4 40	2 93	5 15	7 908	---	4
5	---	---	1 278	5 128	6 16	48 4	8 25	4 85	2 87	5 01	7 709	---	5
6	---	---	1 278	5 978	5 94	46 9	8 42	4 51	2 87	5 08	7 508	---	6
7	---	---	1 288	6 068	5 58	45 1	8 49	4 27	3 51	5 12	7 308	---	7
8	---	---	1 298	5 509	5 39	43 2	8 74	4 16	4 28	4 94	7 288	---	8
9	---	---	1 308	5 75	5 18	40 6	9 44	4 22	4 84	4 95	---	---	9
10	---	---	1 308	5 84	4 96	38 5	10 2	4 71	5 62	4 94	---	---	10
11	---	---	1 318	10 6	4 92	35 9	10 5	5 16	6 27	4 86	---	---	11
12	---	---	1 328	10 9	4 86	33 7	10 8	5 40	6 81	4 89	---	---	12
13	---	---	1 338	11 1	4 60	31 5	10 8	5 43	7 15	5 01	---	---	13
14	---	---	1 358	13 0	4 42	29 0	11 0	5 26	7 19	5 28	---	---	14
15	---	---	1 368	11 5	4 42	26 6	11 3	5 30	7 07	5 29	---	---	15
16	---	---	1 368	11 5	4 50	24 5	11 6	5 15	6 87	5 45	---	---	16
17	---	---	1 408	11 0	4 85	23 2	11 5	4 97	6 84	6 16	---	---	17
18	---	---	1 438	10 1	5 36	22 5	11 4	4 89	6 44	6 41	---	---	18
19	---	---	1 468	9 83	5 88	21 4	11 1	4 64	6 10	7 36	---	---	19
20	---	---	1 488	9 41	10 3	20 7	10 5	4 55	5 85	8 21	---	---	20
21	---	---	1 508	9 24	14 9	20 0	10 0	4 41	5 82	9 22	---	---	21
22	---	---	1 528	9 02	22 2	19 0	9 31	4 15	5 78	10 3	---	---	22
23	---	---	1 528	8 66	26 3	18 1	8 85	3 93	5 78	11 4	---	---	23
24	---	---	1 588	8 34	31 5	16 8	8 38	3 75	5 74	12 1	---	---	24
25	---	---	1 628	8 22	33 9	15 6	7 92	3 80	5 78	12 4	---	---	25
26	---	---	1 668	7 99	34 4	14 6	7 50	3 49	5 83	11 7	---	---	26
27	---	---	1 738	7 89	34 1	13 6	7 14	3 21	5 86	11 0 8	---	---	27
28	---	---	1 628	7 77	33 8	13 0	6 84	3 08	5 83	10 5 8	---	---	28
29	---	---	1 928	7 54	32 8	12 5	6 46	3 02	5 76	10 0 8	---	---	29
30	---		2 108	7 28	30 9	11 7	6 15	2 90	5 71	9 508		---	30
31	---		2 468		29 6		5 70	2 84		9 008			31
TOTAL	---	---	45 99	254 88	441 77	641 2	287 60	134 83	169 77	227 91	---	---	TOTAL
MEAN	---	---	1 48	8 50	14 3	28 0	9 28	4 35	5 33	7 35	---	---	MEAN
MAX	---	---	2 46	13 0	34 4	48 4	11 6	5 43	7 19	12 4	---	---	MAX
MIN	---	---	1 23	2 88	4 42	11 7	5 70	2 84	2 76	4 88	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 77
MAXIMUM DAILY, 48 4 ON JUN 5
MINIMUM DAILY, 1 238 ON MAR 1
MAXIMUM INSTANTANEOUS,
48 7 AT 03 25 MST ON JUN 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 28 18 N
LONG 111 11 06 W
DRAINAGE AREA, 4 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24 800
FEB	---	AUG	11 500
MAR	3 970	SEP	13 800
APR	22 000	OCT	19 700
MAY	38 200	NOV	---
JUN	72 700	DEC	---

TOTAL DISCHARGE, 207 000 dam³

SAULTEAUX RIVER NEAR SPURFIELD - STATION NO 07BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 1998	1 418	2 52	14 9	10 5	2 18	1 54	3 33	3 258	---	1
2	---	---	0 2008	1 698	2 35	17 3	10 2	2 02	1 55	3 26	2 578	---	2
3	---	---	0 2028	1 928	2 28	31 2	9 69	1 83	1 47	3 32	2 148	---	3
4	---	---	0 2018	2 168	2 19	29 9	8 40	1 78	1 38	3 43	1 948	---	4
5	---	---	0 1998	2 608	2 16	23 3	7 89	1 58	1 35	3 83	1 768	---	5
6	---	---	0 1958	3 028	2 03	19 4	7 68	1 40	1 51	4 01	1 668	---	6
7	---	---	0 1918	3 278	2 00	20 3	9 29	1 35	2 57	3 89	1 648	---	7
8	---	---	0 1868	3 528	1 98	43 3	14 7	1 45	3 40	3 83	1 598	---	8
9	---	---	0 1868	3 658	2 02	63 6	18 3	2 10	5 91	3 70	1 518	---	9
10	---	---	0 1798	3 628	1 81	70 5	20 5	2 24	14 5	3 47	---	---	10
11	---	---	0 1778	3 858	1 80	75 7	18 4	1 82	13 1	3 30	---	---	11
12	---	---	0 1768	5 01	1 78	77 8	16 0	2 09	10 8	3 16	---	---	12
13	---	---	0 1718	4 64	1 76	69 3	13 7	2 82	9 36	3 06	---	---	13
14	---	---	0 1708	4 02	1 72	57 2	13 9	3 30	8 59	3 20	---	---	14
15	---	---	0 1708	4 21	1 78	48 6	17 6	2 84	8 38	3 02	---	---	15
16	---	---	0 1708	3 63	1 90	48 5	15 8	3 70	7 68	3 04	---	---	16
17	---	---	0 1678	3 66	2 05	46 1	13 2	4 86	6 80	2 98	---	---	17
18	---	---	0 1678	4 10	2 78	39 0	10 7	4 36	6 12	3 34	---	---	18
19	---	---	0 1678	5 62	5 54	33 5	9 06	3 71	5 51	3 76	---	---	19
20	---	---	0 1748	5 76	8 36	28 3	7 82	3 29	4 95	4 01	---	---	20
21	---	---	0 1768	5 68	9 02	26 5	7 29	2 93	4 58	4 32	---	---	21
22	---	---	0 1848	5 10	8 44	24 4	6 72	2 49	4 22	4 41	---	---	22
23	---	---	0 2218	4 88	8 16	21 9	5 83	2 24	4 07	4 46	---	---	23
24	---	---	0 3178	4 93	8 86	18 3	5 20	2 46	3 95	4 468	---	---	24
25	---	---	0 7568	4 61	11 4	16 2	4 66	2 54	3 82	4 548	---	---	25
26	---	---	0 8998	4 15	15 4	16 9	4 05	2 22	3 87	4 708	---	---	26
27	---	---	0 7318	3 80	19 2	16 1	3 61	2 02	3 78	3 838	---	---	27
28	---	0 2018	0 7688	3 63	16 9	13 3	3 23	1 81	3 67	3 838	---	---	28
29	---	0 1998	1 02 8	3 22	17 2	12 0	2 89	1 64	3 53	4 268	---	---	29
30	---		1 05 8	2 87	15 6	10 9	2 62	1 47	3 44	4 008	---	---	30
31	---		1 12 8		14 3		2 22	1 43		3 688	---	---	31
TOTAL	---	---	10 900	114 22	198 50	1 035 2	302 95	74 37	155 41	115 44	---	---	TOTAL
MEAN	---	---	0 352	3 81	6 40	34 5	9 77	2 40	5 18	3 72	---	---	MEAN
MAX	---	---	1 12	5 76	19 2	77 8	20 5	4 86	14 5	4 70	---	---	MAX
MIN	---	---	0 167	1 41	1 72	10 9	2 22	1 35	1 35	2 98	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 6 21
MAXIMUM DAILY, 77 8 ON JUN 12
MINIMUM DAILY, 0 1678 ON MAR 17
MAXIMUM INSTANTANEOUS
78 5 AT 14 00 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 09 20 N
LONG 114 14 10 W
DRAINAGE AREA 2 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26 200
FEB	---	AUG	6 430
MAR	942	SEP	13 400
APR	9 870	OCT	9 970
MAY	17 200	NOV	---
JUN	89 800	DEC	---

TOTAL DISCHARGE, 174 000 dam³

SAWRIDGE CREEK NEAR SLAVE LAKE - STATION NO 07BK009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 1638	0 4938	0 829	16 6	1 53	0 552	0 474	1 49	0 7738	---	1
2	---	---	0 1628	0 4868	0 823	12 1	1 03	0 522	0 464	1 73	0 7548	---	2
3	---	---	0 1688	0 5398	0 848	6 57	0 812	0 486	1 10	1 62	0 8318	---	3
4	---	---	0 1728	0 6988	0 847	4 53	0 815	0 456	0 974	1 78	0 8838	---	4
5	---	---	0 2048	0 9668	0 862	3 53	0 845	0 487	0 807	1 64	0 8438	---	5
6	---	---	0 2048	1 12 8	0 830	6 26	1 86	0 785	0 832	1 33	0 8048	---	6
7	---	---	0 1718	1 07 8	0 751	21 9	5 39	0 725	18 4	1 21	0 8068	---	7
8	---	---	0 1458	1 17 8	0 722	19 5	6 66	0 568	14 0	1 13	0 7878	---	8
9	---	---	0 1148	1 14 8	0 720	9 84	6 79	0 498	7 62	1 06	---	---	9
10	---	---	0 0988	1 05 8	0 737	5 49	4 52	0 586	5 54	1 00	---	---	10
11	---	---	0 0948	0 9268	0 706	4 89	3 03	0 581	4 39	0 963	---	---	11
12	---	---	0 0888	1 03 8	0 698	3 83	2 73	0 497	3 82	0 928	---	---	12
13	---	---	0 0848	1 09 8	0 688	3 18	4 18	1 26	3 21	0 954	---	---	13
14	---	---	0 0788	1 09 8	0 694	2 89	3 05	1 28	2 66	1 17	---	---	14
15	---	---	0 0788	1 27 8	0 806	2 38	2 24	1 02	2 27	1 14	---	---	15
16	---	---	0 0788	3 11	1 08	2 04	1 79	0 896	1 98	1 02	---	---	16
17	---	---	0 0788	2 74	3 85	2 04	1 70	0 737	1 74	0 9348	---	---	17
18	---	---	0 0788	1 88	3 89	1 75	1 44	0 621	1 65	1 45 8	---	---	18
19	---	---	0 1028	1 78	3 03	1 57	1 25	0 564	1 47	1 41 8	---	---	19
20	---	---	0 1668	1 50	3 46	1 71	1 13	0 696	1 35	1 31	---	---	20
21	---	---	0 2328	1 81	4 44	1 46	1 23	1 04	1 27	1 17	---	---	21
22	---	---	0 3028	1 82	7 12	1 28	1 65	0 763	1 20	1 09	---	---	22
23	---	---	0 2238	1 59	5 66	1 16	1 26	0 623	1 16	1 07	---	---	23
24	---	---	0 2768	1 35	5 76	1 06	1 05	0 551	1 12	1 20	---	---	24
25	---	---	0 2478	1 23	5 38	0 853	0 938	0 506	1 18	1 08 8	---	---	25
26	---	---	0 3648	1 07	4 87	0 880	0 835	0 462	1 16	1 05 8	---	---	26
27	---	---	0 2608	0 932	4 10	0 889	0 768	0 464	1 06	1 02 8	---	---	27
28	---	---	0 2618	1 01	3 46	0 816	0 722	0 654	1 08	0 9828	---	---	28
29	---	---	0 3888	0 892	2 76	0 804	0 675	0 576	1 10	0 9508	---	---	29
30	---	---	0 4268	0 866	2 33	1 18	0 634	0 511	1 24	0 9208	---	---	30
31	---	---	0 4808		2 18		0 589	0 474		0 8588	---	---	31
TOTAL	---	---	5 895	37 736	78 322	144 052	62 944	20 489	85 401	36 559	---	---	TOTAL
MEAN	---	---	0 193	1 28	2 46	4 80	2 03	0 661	2 88	1 18	---	---	MEAN
MAX	---	---	0 460	3 11	7 12	21 9	6 79	1 28	18 4	1 78	---	---	MAX
MIN	---	---	0 078	0 493	0 688	0 804	0 589	0 462	0 474	0 858	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1 82
MAXIMUM DAILY, 21 9 ON JUN 7
MINIMUM DAILY, 0 0788 ON MAR 14
MAXIMUM INSTANTANEOUS
32 1 AT 19 30 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 17 00 N
LONG 114 46 30 W
DRAINAGE AREA, 233 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 660
FEB	---	AUG	1 770
MAR	518	SEP	7 470
APR	3 280	OCT	3 180
MAY	6 590	NOV	---
JUN	12 600	DEC	---

TOTAL DISCHARGE, 40 800 dam³

SEVEN PERSONS CREEK AT MEDICINE HAT - STATION NO. 05AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 051	1 58	1 44	2 54	1 21	1 23	0 2268	---	1
2	---	---	---	---	0 084	1 50	1 52	2 13	1 36	1 10	0 3058	---	2
3	---	---	---	---	0 082	1 41	1 52	1 84	1 48	1 18	0 1978	---	3
4	---	---	---	---	0 068	1 56	1 68	1 52	1 65	1 12	0 2008	---	4
5	---	---	---	---	0 056	1 88	1 45	1 78	1 53	1 17	0 2518	---	5
6	---	---	---	---	0 062	1 89	1 45	1 84	1 22	1 23	0 2208	---	6
7	---	---	---	---	0 065	1 94	1 34	1 62	1 81	1 22	0 1898	---	7
8	---	---	---	---	0 256	1 93	1 24	1 60	1 66	1 07	0 1648	---	8
9	---	---	---	---	0 237	1 95	1 26	1 49	1 53	0 986	0 1208	---	9
10	---	---	---	---	0 198	1 90	1 46	1 30	1 61	0 861	0 1038	---	10
11	---	---	---	---	0 441	1 86	1 19	1 47	1 52	0 826	0 0868	---	11
12	---	---	---	---	0 243	2 01	1 34	1 78	1 30	0 647	0 0798	---	12
13	---	---	---	---	0 286	1 62	1 64	1 77	1 11	0 276	0 0848	---	13
14	---	---	---	---	0 274	1 51	2 10	1 69	1 17	0 159	0 0788	---	14
15	---	---	---	---	0 652	1 48	2 13	1 37	1 23	0 114	0 0778	---	15
16	---	---	---	---	0 805	1 53	2 12	1 27	1 18	0 113	0 0858	---	16
17	---	---	---	---	1 20	1 73	2 11	1 34	1 21	0 116	0 0938	---	17
18	---	---	---	---	1 15	2 10	1 73	1 61	1 49	0 109	0 1018	---	18
19	---	---	---	---	0 975	1 89	1 67	2 01	1 09	0 156	0 1048	---	19
20	---	---	---	---	0 890	1 78	1 66	2 17	1 18	0 336	---	---	20
21	---	---	---	---	0 838	2 19	1 93	1 79	1 33	0 259	---	---	21
22	---	---	---	---	0 769	3 08	1 85	1 67	1 41	0 179	---	---	22
23	---	---	---	---	0 967	2 78	1 76	1 57	1 56	0 250	---	---	23
24	---	---	---	---	0 971	2 32	2 03	1 56	1 84	0 185	---	---	24
25	---	---	---	---	1 29	1 88	2 08	1 34	1 35	0 193	---	---	25
26	---	---	---	---	1 47	1 31	1 98	1 28	1 15	0 218	---	---	26
27	---	---	---	0 065A	1 53	1 22	2 09	1 44	0 895	0 2298	---	---	27
28	---	---	---	0 060	1 29	1 37	2 26	1 27	1 03	0 2008	---	---	28
29	---	---	---	0 055	1 27	1 72	2 39	1 14	1 17	0 2458	---	---	29
30	---	---	---	0 052	1 22	1 52	2 66	1 04	1 18	0 1708	---	---	30
31	---		---		1 43		3 15	1 04		0 1758		---	31
TOTAL	---	---	---	---	21 086	54 43	56 23	49 15	40 375	15 416	---	---	TOTAL
MEAN	---	---	---	---	0 680	1 81	1 81	1 59	1 35	0 530	---	---	MEAN
MAX	---	---	---	---	1 53	3 08	3 15	2 54	1 81	1 23	---	---	MAX
MIN	---	---	---	---	0 051	1 22	1 19	1 04	0 995	0 109	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3 15 ON JUL 31

MAXIMUM INSTANTANEOUS
3 83 AT 18 57 MST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 25 N
LONG 110 41 02 W
DRAINAGE AREA 3 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 860
FEB	---	AUG	4 250
MAR	---	SEP	3 490
APR	---	OCT	1 420
MAY	1 620	NOV	---
JUN	4 700	DEC	---

SHEEP COULEE NEAR CARSTAIRS - STATION NO. 05CE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0 001	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0 001	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0 005	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0 005	0 002	0	0	0	0	---	---	5
6	---	---	0 B	0	0 006	0 005	0	0	0	0	---	---	6
7	---	---	0 B	0	0 006	0 003	0	0	0	0	---	---	7
8	---	---	0 B	0	0 005	0 013	0	0	0	0	---	---	8
9	---	---	0 B	0	0 004	0 012	0	0	0	0	---	---	9
10	---	---	0 B	0	0 004	0 009	0	0	0	0	---	---	10
11	---	---	0 B	0	0 001	0 011	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0 010	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0 009	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0 007	0	0	0	0	---	---	14
15	---	---	0 B	0	0 001	0 006	0	0	0	0	---	---	15
16	---	---	0 B	0	0 007	0 007	0	0	0	0	---	---	16
17	---	---	0 B	0	0 006	0 004	0	0	0	0	---	---	17
18	---	---	0 B	0	0 002	0	0	0	0	0	---	---	18
19	---	---	0 0018	0	0	0 003	0	0	0	0	---	---	19
20	---	0 0018	0 0038	0	0	0 005	0	0	0	0	---	---	20
21	---	0 0018	0 0038	0	0	0 001	0	0	0	0	---	---	21
22	---	0 B	0 0048	0	0	0	0	0	0 001	0	---	---	22
23	---	0 B	0 0058	0	0	0	0	0	0 002	0	---	---	23
24	---	0 B	0 012	0 002	0	0	0	0	0 001	0	---	---	24
25	---	0 B	0 007	0 004	0	0	0	0	0 001	0	---	---	25
26	---	0 B	0 005	0 004	0	0	0	0	0	0	---	---	26
27	---	0 B	0 003	0 002	0 004	0	0	0	0	0	---	---	27
28	---	0 B	0 002	0 001	0 002	0	0	0	0	0	---	---	28
29	---	0 B	0 001	0 001		0	0	0	0	0	---	---	29
30	---		0	0 001	0	0	0	0		0		---	30
31	---		0		0		0	0		0			31
TOTAL	---	---	0 050	0 015	0 081	0 107	0	0	0 005	0	---	---	TOTAL
MEAN	---	---	0 002	0 001	0 002	0 004	0	0	0	0	---	---	MEAN
MAX	---	---	0 012	0 004	0 007	0 013	0	0	0 002	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 001
MAXIMUM DAILY, 0 013 ON JUN 8
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 017 AT 11 48 MST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 44 N
LONG 114 02 09 W
DRAINAGE AREA, 38 3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	4 32	SEP	0 43
APR	1 30	OCT	0
MAY	5 27	NOV	---
JUN	9 24	DEC	---

TOTAL DISCHARGE, 20 6 dam³

SHEEP RIVER AT BLACK DIAMOND - STATION NO. 05BL014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.832	0.781	0.711	0.780	1.51	7.67	7.46	2.63	1.83	2.24	0.8045	0.8768	1
2	0.872	0.732	0.718	0.833	1.82	5.85	6.34	2.63	1.59	2.30	0.8268	1.03 B	2
3	0.848	0.746	0.705	0.923	1.78	5.80	5.78	2.63	1.57	2.48	1.00 B	0.8708	3
4	0.747	0.712	0.711	0.932	1.73	5.48	5.41	2.57	1.55	2.69	1.02 B	0.8508	4
5	0.730	0.690	0.716	1.15	1.58	5.42	5.19	2.73	1.51	2.75	1.57 B	0.8538	5
6	0.736	0.691	0.722	1.26	1.75	7.51	5.30	3.34	1.44	2.70	1.46 B	0.8568	6
7	0.833	0.898	0.726	1.36	1.79	7.82	5.11	3.05	1.46	2.64	1.69 B	0.7518	7
8	0.870	0.889	0.783	1.26	1.88	10.1	4.84	2.78	1.43	2.45	1.43 B	0.8418	8
9	0.883	0.710	0.783	1.26	2.52	11.6	4.39	2.59	1.47	2.59	1.20 B	0.9618	9
10	0.887	0.735	0.760	1.25	2.24	10.9	4.22	2.41	1.51	2.55	1.25 B	1.09 B	10
11	0.774	0.888	0.733	1.26	2.10	12.5	4.11	2.38	1.49	2.46	1.25 B	1.02 B	11
12	0.727	0.892	0.783	1.18	1.82	13.0	4.14	2.32	1.67	2.42	1.28 B	0.9708	12
13	0.780	0.734	0.727	1.13	2.05	12.7	4.14	2.31	1.71	2.31	1.23 B	0.8298	13
14	0.7008	0.742	0.687	1.30	3.13	12.2	3.89	2.23	1.58	2.18	1.18 B	0.8478	14
15	0.6508	0.678	0.658	1.88	5.73	12.8	3.71	2.14	1.54	2.20	1.05 B	0.8508	15
16	0.625	0.591	0.660	3.33	8.09	12.7	3.62	2.04	1.48	2.13	1.01 B	0.8308	16
17	0.8558	0.618	0.784	4.07	7.83	11.3	3.57	2.00	1.47	2.10	1.11 B	0.8008	17
18	0.6858	0.823	0.714	3.34	5.40	9.73	3.50	1.97	1.46	2.06	1.25 B	0.7508	18
19	0.7158	0.810	0.708	2.61	4.97	8.86	3.41	1.86	1.47	2.10	1.24 B	0.7108	19
20	0.762	0.883	0.730	2.78	5.03	8.47	3.25	1.94	1.58	2.108	1.18 B	0.6858	20
21	0.782	0.878	0.775	3.10	4.29	11.3	3.44	1.83	2.01	2.058	1.15 B	0.7008	21
22	0.793	0.879	0.849	3.13	3.82	13.0	3.21	1.77	1.93	2.038	1.13 B	0.7208	22
23	0.806	0.864	1.13	2.98	3.65	13.8	2.97	1.70	1.88	1.91	1.12 B	0.6858	23
24	0.784	0.814	1.18	2.08	3.43	13.3	2.87	1.67	1.78	2.11	1.26 B	0.6308	24
25	0.804	0.834	1.09	1.89	3.32	12.2	2.77	1.60	1.84	2.05	1.11 B	0.5908	25
26	0.788	0.886	0.947	1.85	3.33	10.7	2.77	1.55	1.88	1.99	0.8438	0.5708	26
27	0.816	0.718	0.838	1.85	3.45	10.6	2.89	1.53	1.71	1.908	0.8788	0.5808	27
28	0.832	0.887	0.822	1.47	3.87	10.3	3.08	1.71	1.77	1.708	0.8788	0.5908	28
29	0.821	0.711	0.815	1.42	5.56	10.1	3.11	1.87	1.90	1.508	0.8288	0.6108	29
30	0.788		0.788	1.38	13.9	9.61	3.05	1.82	2.07	1.258	0.7408	0.6208	30
31	0.803		0.819		15.1		2.79	1.85		1.028		0.6408	31
TOTAL	23.548	19.932	24.635	54.448	129.15	308.32	124.20	65.93	49.44	66.87	33.396	23.789	TOTAL
MEAN	0.760	0.687	0.795	1.81	4.17	10.3	4.01	2.15	1.65	2.15	1.11	0.767	MEAN
MAX	0.887	0.781	1.15	4.07	15.1	13.8	7.46	3.34	2.07	2.75	1.82	1.09	MAX
MIN	0.625	0.591	0.658	0.780	1.51	5.48	2.77	1.53	1.43	1.02	0.578	0.560	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.53
MAXIMUM DAILY, 15.1 ON MAY 31
MINIMUM DAILY, 0.5608 ON DEC 27
MAXIMUM INSTANTANEOUS,
24.6 AT 00:19 MST ON MAY 31

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 14 N
LONG 114 14 34 W
DRAINAGE AREA, 554 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 030	JUL	10 700
FEB	1 720	AUG	5 780
MAR	2 130	SEP	4 270
APR	4 700	OCT	5 780
MAY	11 200	NOV	2 850
JUN	26 600	DEC	2 050

TOTAL DISCHARGE, 79 900 dam³

SIFFLEUR RIVER NEAR THE MOUTH - STATION NO. 05DA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1 590	11 9	27 7	25 3	10 3	6 87	---	---	1
2	---	---	---	---	1 63	9 49	21 6	24 8	9 35	6 82	---	---	2
3	---	---	---	---	1 65	9 32	18 5	24 0	8 85	7 03	---	---	3
4	---	---	---	---	1 62	8 92	19 2	23 9	8 61	7 26	---	---	4
5	---	---	---	---	1 88	9 21	22 7	24 4A	9 80	7 25	---	---	5
6	---	---	---	---	1 76	11 9	27 9	25 5E	11 2 A	8 78	---	---	6
7	---	---	---	---	1 82	14 4	21 0	24 0E	10 4 E	6 82	---	---	7
8	---	---	---	---	1 95	17 5	16 5	23 0E	9 66E	8 99	---	---	8
9	---	---	---	---	2 07	15 0	15 1	18 7E	8 74A	9 11	---	---	9
10	---	---	---	---	1 95	12 8	15 9	15 3E	8 85	8 00	---	---	10
11	---	---	---	---	1 91	15 7	22 4	17 7E	8 67	7 59	---	---	11
12	---	---	---	---	1 92	22 6	22 3A	18 8E	9 00	6 78	---	---	12
13	---	---	---	---	2 02	28 5	22 5E	16 3E	8 54	5 71	---	---	13
14	---	---	---	---	2 37	30 9	20 0E	14 0E	8 12	4 94	---	---	14
15	---	---	---	---	3 13	35 4	21 8E	15 8E	7 90	4 65A	---	---	15
16	---	---	---	---	3 93	34 7	23 9E	14 5E	7 85	4 60E	---	---	16
17	---	---	---	---	3 52	28 9	25 5E	12 8E	13 8	4 35E	---	---	17
18	---	---	---	---	3 28	21 7	27 0E	11 2E	18 3	4 85E	---	---	18
19	---	---	---	---	3 30	18 1	26 0E	11 0E	15 7	4 00E	---	---	19
20	---	---	---	---	3 84	17 5	24 0E	11 3E	13 5 A	3 82E	---	---	20
21	---	---	---	---	3 53	19 4	21 0E	12 6E	12 2 A	3 76E	---	---	21
22	---	---	---	---	3 23	21 6	17 2E	11 4E	10 8	3 60E	---	---	22
23	---	---	---	---	3 27	28 5	14 0E	11 0E	9 77	3 40E	---	---	23
24	---	---	---	---	3 13	32 0	16 0E	12 0E	9 01	3 37E	---	---	24
25	---	---	---	---	3 18	29 5	21 3E	11 0E	8 62	3 328	---	---	25
26	---	---	---	---	3 22	29 4	25 0E	10 0E	7 89	3 308	---	---	26
27	---	---	---	---	3 44	34 3	26 5E	24 0E	7 25	3 258	---	---	27
28	---	---	---	---	3 81	38 3	28 0E	20 0E	7 17	3 208	---	---	28
29	---	---	---	---	3 41	44 2	27 0E	15 0E	7 11	3 108	---	---	29
30	---		---	1 588	18 5	38 0	25 0E	11 1A	7 00	3 048	---	---	30
31	---		---		20 3		23 9A	10 4		3 008		---	31
TOTAL	---	---	---	---	119 02	690 74	690 3	528 8	293 76	162 78	---	---	TOTAL
MEAN	---	---	---	---	3 84	23 0	22 3	17 1	9 79	5 25	---	---	MEAN
MAX	---	---	---	---	20 3	44 2	38 0	25 5	18 3	9 11	---	---	MAX
MIN	---	---	---	---	1 59	8 92	14 0	10 4	7 00	3 00	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.5
MAXIMUM DAILY, 44.2 ON JUN 29
MINIMUM DAILY, 1 588 ON MAY 1
MAXIMUM INSTANTANEOUS,
47.0 AT 18:15 MST ON JUN 28

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 02 50 N
LONG 115 23 25 W
DRAINAGE AREA, 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	59 600
FEB	---	AUG	45 700
MAR	---	SEP	25 400
APR	---	OCT	14 10[illegible]
MAY	10 300	NOV	---
JUN	59 700	DEC	---

TOTAL DISCHARGE, 215 000 dam³

SILVERHORN CREEK NEAR THE MOUTH - STATION NO 05DA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0588	0.0438	0.0388	0.0288	0.050	0.524	1.61	1.28	0.481	0.287	0.1208	0.0788	1
2	0.0708	0.0428	0.0378	0.0278	0.049	0.480	0.911	1.18	0.428	0.275	0.1108	0.0708	2
3	0.0728	0.0418	0.0378	0.0278	0.046	0.458	0.832	1.16	0.412	0.264	0.0908	0.0658	3
4	0.0768	0.0418	0.0368	0.0288	0.046	0.413	1.05	1.11	0.395	0.258	0.0758	0.0608	4
5	0.0808	0.0428	0.0368	0.0288	0.047	0.378	1.74	1.06	0.413	0.254	0.0608	0.0558	5
6	0.0848	0.0438	0.0358	0.0308	0.046	0.446	2.22	1.24	0.474	0.249	0.0658	0.0608	6
7	0.0858	0.0448	0.0358	0.0308	0.047	0.525	1.26	0.992	0.427	0.243	0.0708	0.0658	7
8	0.0888	0.0458	0.0358	0.0308	0.050	0.581	0.904	0.834	0.400	0.247	0.0808	0.0758	8
9	0.0908	0.0458	0.0358	0.0318	0.050	0.469	0.830	0.949	0.391	0.261	0.0908	0.0908	9
10	0.0928	0.0458	0.0358	0.0318	0.049	0.458	1.21	1.02	0.382	0.260	0.0958	0.0858	10
11	0.0938	0.0458	0.0358	0.0318	0.050	0.880	1.78	0.938	0.375	0.270	0.0978	0.0808	11
12	0.0948	0.0458	0.0348	0.0318	0.052	1.00	1.87	0.903	0.375	0.274	0.0998	0.0758	12
13	0.0958	0.0458	0.0338	0.0318	0.052	1.31	1.78	0.893	0.363	0.275	0.0978	0.0708	13
14	0.0948	0.0448	0.0318	0.0328	0.062	1.70	1.80	0.858	0.350	0.268	0.0958	0.0848	14
15	0.0938	0.0438	0.0308	0.0328	0.122	2.10	1.70	0.880	0.343	0.265	0.0928	0.0598	15
16	0.0928	0.0438	0.0288	0.0348	0.133	1.84	1.87	0.869	0.333	0.246	0.0908	0.0548	16
17	0.0908	0.0438	0.0278	0.0348	0.126	1.01	2.34	0.829	0.861	0.2678	0.0878	0.0498	17
18	0.0885	0.0408	0.0268	0.0378	0.117	0.660	2.49	0.863	0.928	0.227	0.0858	0.0478	18
19	0.0828	0.0418	0.0258	0.0428	0.131	0.525	2.02	0.859	0.780	0.214	0.0838	0.0458	19
20	0.0748	0.0438	0.0258	0.0488	0.151	0.505	1.53	0.859	0.655	0.210	0.0808	0.0438	20
21	0.0638	0.0438	0.0258	0.0628	0.139	0.607	1.02	0.825	0.552	0.202	0.0788	0.0408	21
22	0.0548	0.0418	0.0258	0.0728	0.126	0.800	0.819	0.822	0.485	0.180	0.0788	0.0408	22
23	0.0478	0.0408	0.0258	0.0768	0.128	1.24	0.934	0.854	0.413	0.1768	0.0778	0.0438	23
24	0.0418	0.0408	0.0258	0.0748	0.122	1.32	1.16	0.833	0.375	0.1718	0.0778	0.0458	24
25	0.0398	0.0418	0.0258	0.0708	0.124	1.10	1.40	0.804	0.358	0.1658	0.0778	0.0478	25
26	0.0398	0.0418	0.0258	0.054	0.125	1.18	1.82	0.883	0.341	0.1608	0.0778	0.0458	26
27	0.0398	0.0418	0.0258	0.047	0.132	1.86	2.38	0.825	0.321	0.1528	0.0778	0.0438	27
28	0.0408	0.0398	0.0258	0.050	0.173	2.99	2.06	0.802	0.306	0.1458	0.0778	0.0398	28
29	0.0418	0.0388	0.0258	0.045	0.321	4.83	1.60	0.479	0.298	0.1378	0.0778	0.0378	29
30	0.0428		0.0258	0.044	1.43	2.98	1.43	0.430	0.293	0.1308	0.0778	0.0378	30
31	0.0438		0.0288		1.07		1.37	0.443		0.1308		0.0358	31
TOTAL	3.188	1.227	0.929	1.242	5.386	34.989	47.610	23.176	12.985	8.874	2.533	1.742	TOTAL
MEAN	0.071	0.042	0.030	0.041	0.174	1.17	1.54	0.748	0.432	0.222	0.084	0.056	MEAN
MAX	0.095	0.043	0.038	0.076	1.43	4.83	2.49	1.28	0.926	0.287	0.120	0.090	MAX
MIN	0.039	0.038	0.025	0.028	0.046	0.378	0.819	0.404	0.293	0.130	0.080	0.035	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 4.83 ON JUN 29
MINIMUM DAILY, 0.0258 ON MAR 19
MAXIMUM INSTANTANEOUS,
5.41 AT 07:50 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 58 N
LONG 116 34 55 W
DRAINAGE AREA, 20.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	189	JUL	4 110
FEB	105	AUG	2 000
MAR	80.3	SEP	1 120
APR	107	OCT	594
MAY	465	NOV	219
JUN	3 020	DEC	151

TOTAL DISCHARGE, 12 200 dam³

SIMONETTE RIVER NEAR GOODWIN - STATION NO 07GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 108	3 388	3 358	7 068	59 4	51 6	23 2	5 47	5 85	35 9	11 5 B	5 738	1
2	3 208	3 408	3 448	9 658	61 6	47 5	28 4	5 68	5 87	36 1	11 0 B	5 808	2
3	3 308	3 398	3 378	14 7 B	61 9	42 8	24 6	7 23	5 42	39 2	8 918	5 678	3
4	3 408	3 398	3 378	20 2 B	63 7	38 3	20 5	7 89	5 50	48 1	9 968	4 978	4
5	3 408	3 388	3 458	26 0 B	60 2	36 7	17 7	13 3	5 64	54 8	10 9 B	4 618	5
6	3 358	3 388	3 378	27 5 B	53 9	37 3	15 8	21 4	8 03	54 3	14 2 B	4 808	6
7	3 308	3 398	3 448	24 5 B	50 5	70 4	18 2	16 1	14 0	47 9	13 3 B	4 888	7
8	3 258	3 398	3 438	26 0 B	47 6	136	22 8	13 0	106	41 4	11 9 B	4 788	8
9	3 208	3 348	3 438	25 2 A	46 7	224	28 1	10 9	93 4	36 8	11 7 B	5 008	9
10	3 208	3 308	3 328	27 8	48 7	169	25 6	9 82	73 6	33 5	11 9 B	5 008	10
11	3 208	3 298	3 318	28 0	111	116	21 2	8 16	60 6	31 1	11 2 B	5 068	11
12	3 208	3 338	3 308	27 1	95 7	88 6	18 0	7 19	86 5	29 4	10 4 B	5 118	12
13	3 258	3 348	3 298	26 8	92 0	72 2	15 8	7 15	107	26 5	10 4 B	4 958	13
14	3 258	3 348	3 268	26 9	88 0	64 0	15 2	7 20	86 8	26 1	10 5 B	4 928	14
15	3 308	3 348	3 278	26 8	82 3	55 6	15 1	6 87	67 2	25 1	10 2 B	4 778	15
16	3 308	3 338	3 368	30 0	91 4	46 9	14 4	7 22	53 6	25 1	9 348	4 698	16
17	3 258	3 358	3 388	42 8	302	42 3	12 6	10 1	44 7	27 8	9 158	4 648	17
18	3 258	3 408	3 388	48 0	420	41 5	10 9	12 8	38 7	27 9	8 688	4 768	18
19	3 308	3 458	3 418	49 9	296	38 7	10 4	11 1	35 2	26 0	8 998	4 928	19
20	3 308	3 508	3 508	50 0	210	34 8	9 45	10 4	45 9	24 8	8 318	5 038	20
21	3 358	3 508	4 388	49 0	181	31 7	9 04	10 2	43 8	25 6	8 048	4 998	21
22	3 408	3 458	4 378	51 0	141	28 7	8 50	9 44	128	24 4	7 908	4 908	22
23	3 488	3 408	4 748	52 0	127	27 1	8 01	8 20	124	24 8	7 548	4 828	23
24	3 428	3 408	4 588	49 8	112	27 8	8 19	7 30	90 7	25 3	8 798	4 808	24
25	3 378	3 358	4 808	45 7	98 9	25 5	8 85	6 58	72 0	32 0	8 248	4 988	25
26	3 388	3 308	4 938	39 7	84 0	22 8	8 13	8 19	61 7	41 9	8 628	5 088	26
27	3 388	3 308	4 538	37 3	72 6	20 6	7 21	5 88	52 3	36 9 B	8 678	5 148	27
28	3 428	3 358	4 418	38 8	63 7	19 4	6 41	5 70	45 4	23 4 B	8 288	5 178	28
29	3 388	3 408	4 848	46 1	57 4	19 9	8 03	5 38	40 8	12 2 B	5 968	5 088	29
30	3 458		4 918	53 7	54 3	22 7	5 82	5 36	37 6	8 458	5 928	4 998	30
31	3 388		5 688		54 3		5 40	5 38		8 808		4 948	31
TOTAL	102 75	97 86	120 84	1 028 81	3 384 8	1 889 4	448 44	275 62	1 883 61	981 35	280 38	154 98	TOTAL
MEAN	3 31	3 37	3 90	34 3	109	58 6	14 5	8 89	55 5	31 0	9 38	5 00	MEAN
MAX	3 48	3 50	5 68	53 7	420	224	28 1	21 4	128	54 9	14 2	5 80	MAX
MIN	3 10	3 29	3 26	7 06	46 7	19 4	5 40	5 38	5 42	8 45	5 92	4 81	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 420 ON MAY 18
MINIMUM DAILY, 3.108 ON JAN 1
MAXIMUM INSTANTANEOUS,
442 AT 04:30 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 30 N
LONG 118 10 30 W
DRAINAGE AREA, 5 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 880	JUL	38 700
FEB	8 450	AUG	23 800
MAR	10 400	SEP	144 000
APR	88 900	OCT	83 100
MAY	292 000	NOV	24 200
JUN	147 000	DEC	13 400

TOTAL DISCHARGE, 883 000 dam³

SLAVE RIVER AT FITZGERALD - STATION NO. 07NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 060	2 230	1 730	1 800	3 780	5 300	4 200	4 480	3 720	4 420	2 680	2 230	1
2	2 020	2 270	1 700	1 820	3 610	5 070	3 870	4 440	3 780	4 280	2 550	2 260	2
3	2 080	2 270	1 660	1 830	3 080	4 930	4 230	4 400	3 800	4 180	2 470	2 280	3
4	2 150	2 260	1 700	1 830	2 890	4 870	4 420	4 380	3 680	4 120	2 600	2 320	4
5	2 170	2 260	1 690	1 830	2 930	4 840	4 640	4 380	3 690	3 980	2 540	2 350	5
6	2 180	2 170	1 680	1 830	3 050	5 040	4 920	4 380	3 770	3 840	2 480	2 330	6
7	2 190	2 110	1 680	1 800	3 070	5 310	5 140	4 490	4 050	3 850	2 440	2 190	7
8	2 170	2 060	1 650	1 770	3 130	5 376	5 050	4 410	4 080	3 790	2 450	2 160	8
9	2 170	2 020	1 670	1 730	3 210	5 250	4 940	4 320	3 820	3 740	2 450	2 140	9
10	2 210	2 000	1 720	1 700	3 270	5 040	4 890	4 230	3 650	3 680	2 350	2 180	10
11	2 280	2 010	1 710	1 680	3 310	4 970	4 850	4 110	3 530	3 690	2 420	2 130	11
12	2 340	2 030	1 710	1 800	3 320	5 070	4 860	4 200	3 420	3 660	2 450	2 190	12
13	2 340	2 050	1 720	1 730	3 350	5 420	4 990	4 300	3 400	3 650	2 470	2 220	13
14	2 350	2 000	1 710	1 770	3 340	5 530	5 110	4 350	3 440	3 540	2 440	2 230	14
15	2 350	1 950	1 700	1 820	3 340	5 140	5 100	4 280	3 590	3 440	2 420	2 320	15
16	2 370	2 100	1 730	1 880	3 340	5 180	5 060	4 210	3 850	3 480	2 370	2 280	16
17	2 360	2 000	1 730	1 880	3 400	5 110	5 120	4 130	4 070	4 050	2 380	2 370	17
18	2 350	2 000	1 730	2 070	3 400	5 040	4 990	4 110	4 230	4 700	2 420	2 450	18
19	2 340	1 990	1 730	2 080	3 310	4 950	5 130	4 040	4 360	4 810	2 370	2 520	19
20	2 340	1 990	1 710	2 190	3 240	5 910	5 140	3 910	4 390	4 780	2 330	2 570	20
21	2 360	1 920	1 680	2 540	3 190	5 860	5 120	3 880	4 410	4 750	2 260	2 570	21
22	2 350	1 830	1 680	2 570	3 310	5 750	4 950	3 820	4 400	4 630	2 240	2 580	22
23	2 340	1 790	1 680	2 420	3 490	5 600	4 850	3 780	4 290	4 570	2 210	2 580	23
24	2 330	1 760	1 670	2 420	4 880	5 410	4 810	3 730	4 170	4 540	2 190	2 560	24
25	2 170	1 760	1 670	2 480	5 360	5 190	4 900	3 690	4 190	4 500	2 140	2 470	25
26	2 080	1 760	1 660	2 550	5 540	4 960	4 980	3 640	4 280	4 490	2 150	2 400	26
27	2 100	1 770	1 660	2 850	5 610	4 860	4 970	3 580	4 310	4 300	2 160	2 410	27
28	2 120	1 790	1 680	3 020	5 650	4 690	4 840	3 600	4 290	4 050	2 210	2 380	28
29	2 170	1 760	1 700	3 430	5 650	4 550	4 680	3 430	4 340	3 750	2 190	2 380	29
30	2 210		1 740	3 710	5 550	4 720	4 590	3 570	4 370	3 390	2 210	2 390	30
31	2 220		1 770		5 460		4 550	3 660		2 940		2 420	31
TOTAL	69 290	57 830	52 690	64 490	119 400	150 310	149 990	125 910	119 380	125 570	70 840	72 820	TOTAL
MEAN	2 240	2 000	1 700	2 150	3 850	5 340	4 840	4 060	3 980	4 050	2 360	2 350	MEAN
MAX	2 370	2 270	1 770	3 710	5 650	5 180	5 140	4 490	4 410	4 810	2 660	2 580	MAX
MIN	2 020	1 760	1 660	1 800	2 890	4 840	3 970	3 430	3 400	2 940	2 140	2 130	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 250
MAXIMUM DAILY, 5 180 ON JUN 15
MINIMUM DAILY, 1 800B ON APR 12
MAXIMUM INSTANTANEOUS,
5 210 AT 21 23 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 52 20 N
LONG 111 35 00 W
DRAINAGE AREA, 606 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 990 000	JUL	13 000 000
FEB	5 010 000	AUG	10 900 000
MAR	4 550 000	SEP	10 300 000
APR	5 570 000	OCT	10 800 000
MAY	10 300 000	NOV	6 120 000
JUN	13 900 000	DEC	6 290 000

TOTAL DISCHARGE, 103 000 000 dam³

SMOKY RIVER ABOVE HELLS CREEK - STATION NO 07CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16 78	15 18	11 3 B	11 6	21 1	144	282	201	85 4	71 2	23 78	17 78	1
2	16 98	15 28	11 2 B	12 2	22 2	120	252	196	87.8	74 5	30 58	17 58	2
3	16 88	15 38	11 2 B	12 3	23 0	116	227	187	86 9	83 6	39 08	17 48	3
4	16 48	15 28	10 9 B	12 4	22 7	120	229	184	82 4	105	44 38	17 38	4
5	16 08	15 18	11 4 B	12 1	22 4	123	311	178	83 2	108	44 98	17 88	5
6	17 58	15 08	11 5 B	12 2	23 0	145	370	200	104	100	36 38	18 28	6
7	16 88	14 78	11 4 B	11 8	24 4	209	293	173	111	89 5	35 98	18 18	7
8	16 58	14 58	10 8 B	11 9	25 7	268	245	151	108	81.5	32 98	17 88	8
9	16 38	14 08	10 5 B	11 9	30 9	281	248	161	118	153	30 38	17.58	9
10	16 08	13 78	10 1 B	11 8	31 5	304	255	161	120	167	30 98	17 28	10
11	15 88	13 48	9 60B	12 0	30 3	321	272	148	114	143	32 18	17 08	11
12	15 38	13 38	9 08B	11 9	30 6	346	282	138	107	136	33 18	16 98	12
13	14 58	13 28	8 73B	12 0	33 6	382	285	149	102	118	30 68	16 48	13
14	11 88	13 08	9 51B	12.3	38 3	424	249	155	84 5	105	31 78	16 18	14
15	10 68	12 78	11 2 B	14 7	44 8	402	242	138	88 7	96 0	33 48	15 78	15
16	13 18	12 48	13 5 B	24 5	52 2	370	235	125	84 5	88 9	34 88	15 38	16
17	12 48	11 88	13 4 B	27 5	53 9	287	250	121	133	81 6	34 58	15 08	17
18	11 18	11 38	13 5 B	25 2	52 9	229	237	127	252	74 3	32 38	14 78	18
19	11 28	11 18	12 6 B	26 5	52 7	186	212	113	273	71 4	29 98	14 48	19
20	11 88	11 68	12 5 B	28 2	51 9	165	185	103	198	68 8	27 68	14 08	20
21	13 28	12 38	11 7	31 6	52 0	156	189	94 0	168	85 9	26 48	13 78	21
22	13 38	12 68	12 1	32 7	54 4	187	158	90 9	143	83 6	23 68	13 88	22
23	13 28	12 48	12 3	30 6	52 2	231	158	94 6	123	81 2	22 68	13 58	23
24	13 48	12 08	11 5	27 4	50 9	292	165	88 6	110	80 1	21 48	13 48	24
25	13 48	11 68	10 6	25 8	48 5	316	176	86 1	95 7	59 9	20 38	13 38	25
26	13 38	11 48	10 8	23 6	51 5	286	189	102	88 6	56 6	19 38	13 38	26
27	14 18	11 28	10 5	22 0	53 5	325	222	150	80 0	51 58	18 88	13.38	27
28	14 78	11 08	10 7	22 7	57 7	351	220	127	77 1	33 08	18 48	13 38	28
29	16.08	11 28	10 6	21 1	60 5	381	205	104	74 2	26 48	18 18	13 48	29
30	15 58		10 8	20 5	148	381	188	92 4	72 8	24 28	17 98	13 48	30
31	14 98		11 0		178		196	83 5		20 78		13 58	31
TOTAL	458 4	377 3	347 22	573 1	1 537 3	7 898	7 187	4 221 1	3 485.8	2 562 6	874 5	479 5	TOTAL
MEAN	14 8	13 0	11 2	19.1	49 6	263	232	136	116	82 7	29 2	15.5	MEAN
MAX	16 9	15 3	13 6	32 7	178	424	370	201	273	167	44 9	18.2	MAX
MIN	10 5	11 0	8 73	11 8	21.1	116	166	83 5	72 8	20 7	17 9	13.3	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.0
MAXIMUM DAILY, 424 ON JUN 14
MINIMUM DAILY, 8 73B ON MAR 13
MAXIMUM INSTANTANEOUS,
442 AT 07:20 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 56 46 N
LONG 118 09 40 W
DRAINAGE AREA, 3 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 600	JUL	622 000
FEB	32 600	AUG	385 000
MAR	30 000	SEP	301 000
APR	48 500	OCT	221 000
MAY	133 000	NOV	78 600
JUN	682 000	DEC	41 400

TOTAL DISCHARGE, 2 590 000 dam³

SMOKY RIVER AT WATINO - STATION NO. 07GJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.0B	48.4B	52.5B	59.6B	284	793	872	346	181	377	51.2B	77.0B	1
2	48.5B	48.1B	46.0B	60.4B	281	738	786	349	177	373	111 B	75.0B	2
3	49.0B	48.8B	46.5B	63.8B	302	641	683	359	173	388	102 B	74.0B	3
4	47.9B	49.8B	47.0B	59.9B	309	584	645	341	193	451	107 B	85.0B	4
5	48.5B	50.7B	48.4B	107 B	331	582	598	335	181	626	125 B	80.0B	5
6	48.4B	51.7B	48.1B	135 B	341	611	612	333	182	646	150 B	54.0B	6
7	47.7B	51.1B	46.9B	137 B	338	867	777	328	209	627	148 B	52.5B	7
8	47.3B	49.5B	45.2B	142	330	890	724	376	289	552	146 B	53.0B	8
9	47.1B	48.2B	44.4B	138	320	1 650	629	342	448	502	143 B	54.0B	9
10	48.1B	47.4B	44.0B	135	330	1 710	583	298	495	503	140 B	57.8B	10
11	47.0B	47.9B	42.1B	131	448	1 530	585	291	507	592	142 B	57.5B	11
12	46.9B	48.3B	41.5B	137	610	1 380	570	284	544	530	141 B	56.6B	12
13	47.9B	48.7B	41.0B	135	573	1 290	571	268	622	506	140 B	57.5B	13
14	48.4B	47.4B	43.1B	135	559	1 310	579	251	661	469	135 B	55.0B	14
15	48.5B	46.3B	43.3B	138	540	1 310	548	254	613	429	129 B	58.7B	15
16	48.8B	46.0B	43.3B	144	545	1 220	511	274	537	398	133 B	61.5B	16
17	49.2B	44.8B	44.5B	160	710	1 120	484	255	476	383	138 B	61.0B	17
18	48.7B	44.1B	45.2B	217	1 660	977	503	245	434	368	140 B	60.8B	18
19	45.0B	43.9B	46.4B	278	1 630	825	514	236	610	344	142 B	58.3B	19
20	41.4B	44.0B	46.8B	287	1 300	722	472	240	758	314	143 B	59.3B	20
21	43.3B	43.8B	49.9B	288	1 080	648	430	223	702	298	145 B	60.0B	21
22	45.0B	43.1B	51.1B	285	1 020	603	388	208	710	288	147 B	61.0B	22
23	43.9B	44.4B	54.5B	297	935	615	356	189	836	283	148 B	60.0B	23
24	43.6B	44.5B	57.7B	316	850	674	341	185	782	282	150 B	59.0B	24
25	44.5B	45.4B	56.0B	308	784	730	332	181	672	285	150 B	57.0B	25
26	45.3B	46.1B	55.8B	288	714	788	333	178	591	299	150 B	54.0B	26
27	46.7B	45.8B	63.4B	285	845	774	342	184	521	322	145 B	54.5B	27
28	47.8B	45.3B	67.0B	255	898	758	353	186	471	205 B	125 B	55.0B	28
29	48.8B	46.7B	69.8B	256	558	825	391	243	425	116 B	105 B	54.5B	29
30	49.0B		65.8B	268	556	883	386	228	387	68.8B	90.0B	53.0B	30
31	49.4B		61.0B		668		382	202		53.1B		50.5B	31
TOTAL	1 459.6	1 366.2	1 562.2	5 635.7	20 184	27 949	16 226	8 182	14 407	11 879.9	3 982.2	1 827.1	TOTAL
MEAN	47.1	47.1	50.4	188	650	932	523	264	480	383	132	58.9	MEAN
MAX	49.4	51.7	69.8	316	1 660	1 710	872	376	836	646	150	77.0	MAX
MIN	41.4	43.1	41.0	59.6	284	582	332	184	173	53.1	51.2	50.5	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 313
MAXIMUM DAILY, 1 710 ON JUN 10
MINIMUM DAILY, 41.0B ON MAR 13
MAXIMUM INSTANTANEOUS,
1 830 AT 17 30 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 56 N
LONG 117 37 19 W
DRAINAGE AREA, 50 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	126 000	JUL	1 400 000
FEB	118 000	AUG	707 000
MAR	135 000	SEP	1 240 000
APR	487 000	OCT	1 030 000
MAY	1 740 000	NOV	342 000
JUN	2 410 000	DEC	158 000

TOTAL DISCHARGE, 9 890 000 dam³

SNAKE CREEK NEAR VULCAN - STATION NO. 05AC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	1
2	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	2
3	---	0B	0 B	0.002	0	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.002	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.002	0	0	0	0	0	0	---	---	5
6	---	0B	0 B	0.002	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0.002	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	0B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0B	0.001B	0.001	0	0	0	0	0	0	---	---	19
20	---	0B	0.002B	0.001	0	0	0	0	0.001	0	---	---	20
21	---	0B	0.003B	0	0	0	0	0	0.003	0	---	---	21
22	---	0B	0.003B	0	0	0.001	0	0	0.006	0.003	---	---	22
23	---	0B	0.003B	0	0	0.003	0	0	0.005	0.010	---	---	23
24	---	0B	0.003B	0	0	0.002	0	0	0.003	0.019	---	---	24
25	---	0B	0.003	0	0	0	0	0	0	0.023	---	---	25
26	---	0B	0.004	0	0	0	0	0	0	0.004	---	---	26
27	---	0B	0.003	0	0	0	0	0	0	0.002	---	---	27
28	---	0B	0.002	0	0	0	0	0	0	0.002	---	---	28
29	---	0B	0.002	0	0	0	0	0	0	0.001B	---	---	29
30	---		0.002	0	0	0	0	0	0	0 B	---	---	30
31	0B		0.002		0		0	0		0 B		---	31
TOTAL	---	0	0.033	0.017	0	0.006	0	0	0.018	0.084	---	---	TOTAL
MEAN	---	0	0.001	0.001	0	0	0	0	0.001	0.002	---	---	MEAN
MAX	---	0	0.004	0.002	0	0.003	0	0	0.006	0.023	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.023 ON OCT 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.031 AT 16:38 MST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 20 N
LONG 112 54 48 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	2.86	SEP	1.56
APR	1.47	OCT	5.53
MAY	0	NOV	---
JUN	0.52	DEC	---

TOTAL DISCHARGE, 11.9 dam³

SNAKE INDIAN RIVER NEAR THE MOUTH - STATION NO. 07AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	7.76A	31.8E	101	59.3	28.0	21.2	---	---	1
2	---	---	---	---	7.98E	32.0E	77.0	59.7	30.1	21.3	---	---	2
3	---	---	---	---	8.18E	33.0E	63.8	57.5	27.9	24.7	---	---	3
4	---	---	---	---	8.36E	35.0E	62.2	55.7	25.9	32.2	---	---	4
5	---	---	---	---	8.57E	46.0E	77.7	53.1	25.1	34.7	---	---	5
6	---	---	---	---	8.77E	54.0E	86.8	54.8	31.9	32.1	---	---	6
7	---	---	---	---	9.18	56.0E	81.6	53.1	37.0	28.6	---	---	7
8	---	---	---	---	9.68	58.0E	64.3	45.0	34.4	28.9	---	---	8
9	---	---	---	---	10.1	63.0E	58.8	42.4	33.9	35.6	---	---	9
10	---	---	---	---	10.2	70.0E	62.7	44.0	34.4	41.3	---	---	10
11	---	---	---	---	9.97	77.0E	70.2	42.5	33.2	38.2	---	---	11
12	---	---	---	---	10.3	69.5E	75.2	39.9	32.1	38.3	---	---	12
13	---	---	---	---	11.2	63.0E	74.0	39.2	30.2	32.5	---	---	13
14	---	---	---	---	12.1	56.5E	69.3	41.9	27.8	29.0	---	---	14
15	---	---	---	---	13.5	52.0E	65.0	39.9	25.8	26.2	---	---	15
16	---	---	---	---	15.5	47.0E	59.2	36.4	24.1	24.5	---	---	16
17	---	---	---	---	15.6	43.0E	77.2	34.3	34.5	22.1	---	---	17
18	---	---	---	---	14.9	37.0E	78.6	34.8	70.2	20.0	---	---	18
19	---	---	---	---	14.8	40.0E	71.7	34.0	86.2	18.9	---	---	19
20	---	---	---	---	15.6	46.0E	61.8	30.5	67.9	17.8 B	---	---	20
21	---	---	---	---	15.9	56.0E	52.9	27.8	54.9	15.6 B	---	---	21
22	---	---	---	---	15.5	64.0E	47.3	26.4	44.8	16.0 B	---	---	22
23	---	---	---	---	15.0	60.0E	45.4	26.6	37.7	15.2	---	---	23
24	---	---	---	---	14.8	66.0E	47.7	26.7	33.0	15.6	---	---	24
25	---	---	---	---	14.3	70.0E	51.3	25.7	29.0	15.2	---	---	25
26	---	---	---	8.27A	14.6	74.0E	56.2	26.2	26.2	14.4 B	---	---	26
27	---	---	---	---	15.0	105 A	65.0	38.7	23.6	12.5 B	---	---	27
28	---	---	---	---	15.6	123	89.4	44.6	22.3	11.7 B	---	---	28
29	---	---	---	---	20.6	156	84.3	38.1	21.5	10.7 B	---	---	29
30	---		---	---	33.6 A	150	61.5	30.2	21.2	9.948	---	---	30
31	---		---		31.5 E		60.1	27.1		9.308		---	31
TOTAL	---	---	---	---	430.99	1 947.8	2 079.4	1 234.1	1 054.8	715.24	---	---	TOTAL
MEAN	---	---	---	---	13.9	64.9	67.1	39.8	35.2	23.1	---	---	MEAN
MAX	---	---	---	---	33.6	160	101	59.7	86.2	41.3	---	---	MAX
MIN	---	---	---	---	7.76	31.8	46.4	25.7	21.2	9.30	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.6
MAXIMUM DAILY, 160 ON JUN 30
MINIMUM DAILY, 7.76A ON MAY 1
MAXIMUM INSTANTANEOUS,
184 AT 22:45 MST ON JUN 29

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 26 N
LONG 118 01 58 W
DRAINAGE AREA 1 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	180 000
FEB	---	AUG	107 000
MAR	---	SEP	81 100
APR	---	OCT	81 800
MAY	37 200	NOV	---
JUN	168 000	DEC	---

TOTAL DISCHARGE, 645 000 dam³

SOUNDING CREEK NEAR CHINOOK - STATION NO 05GA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0	0	0	0	0	0	---	1
2	---	---	---	---	0	0	0	0	0	0	0	---	2
3	---	---	---	---	0	0	0	0	0	0	0	---	3
4	---	---	---	---	0	0	0	0	0	0	0	---	4
5	---	---	---	---	0	0	0	0	0	0	0	---	5
6	---	---	---	---	0	0	0	0	0	0	---	---	6
7	---	---	---	---	0	0	0	0	0	0	---	---	7
8	---	---	---	---	0	0	0	0	0	0	---	---	8
9	---	---	---	---	0	0	0	0	0	0	---	---	9
10	---	---	---	---	0	0	0	0	0	0	---	---	10
11	---	---	---	0	0	0	0	0	0	0	---	---	11
12	---	---	---	0	0	0	0	0	0	0	---	---	12
13	---	---	---	0	0	0	0	0	0	0	---	---	13
14	---	---	---	0	0	0	0	0	0	0	---	---	14
15	---	---	---	0	0	0	0	0	0	0	---	---	15
16	---	---	---	0	0	0	0	0	0	0	---	---	16
17	---	---	---	0	0	0	0	0	0	0	---	---	17
18	---	---	---	0	0	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---	---	---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0		0	---	---	30
31	---		---		0		0	0		0		---	31
TOTAL	---	---	---	---	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	---	---	0	0	0	0	0	0	---	---	MAX
MIN	---	---	---	---	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0 ON APR 11
MINIMUM DAILY, 0 ON APR 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 32 52 N
LONG 110 55 11 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

SOUNDING CREEK NEAR DYEN - STATION NO 05CA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007	0	0	0	0	0	0.005	08	---	1
2	---	---	0 B	0.007	0	0	0	0	0	0.005	08	---	2
3	---	---	0 B	0.007	0	0	0	0	0	0.005	08	---	3
4	---	---	0 B	0.007	0	0	0	0	0	0.004	08	---	4
5	---	---	0 B	0.006	0	0	0	0	0	0.003	08	---	5
6	---	---	0 B	0.005	0	0	0	0	0	0.002	---	---	6
7	---	---	0 B	0.005	0	0	0	0	0	0.002	---	---	7
8	---	---	0 B	0.004	0	0	0	0	0	0.002	---	---	8
9	---	---	0 B	0.002	0	0	0	0	0	0.002	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0.001	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0.001	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0.001	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0.001	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0.001	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 0018	0	0	0	0	0	0	0	---	---	19
20	---	---	0 0038	0	0	0	0	0	0	0	---	---	20
21	---	---	0 0088	0	0	0	0	0	0.018	0	---	---	21
22	---	---	0 0108	0	0	0	0	0	0.024	0	---	---	22
23	---	---	0 0178	0	0	0	0	0	0.045	0	---	---	23
24	---	---	0 0158	0	0	0	0	0	0.028	0	---	---	24
25	---	---	0 0138	0	0	0	0	0	0	0	---	---	25
26	---	---	0 0108	0	0	0	0	0	0.020	0	---	---	26
27	---	---	0 0088	0	0	0	0	0	0.015	0	---	---	27
28	---	08	0 0038	0	0	0	0	0	0.012	0 B	---	---	28
29	---	08	0.001	0	0	0	0	0	0.009	0 B	---	---	29
30	---		0.001	0	0	0	0	0	0.008	0 B	---	---	30
31	---		0.007							0 B			31
TOTAL	---	---	0.094	0.050	0	0	0	0	0.178	0.035	---	---	TOTAL
MEAN	---	---	0.003	0.002	0	0	0	0	0.006	0.001	---	---	MEAN
MAX	---	---	0.017	0.007	0	0	0	0	0.045	0.005	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.045 ON SEP 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.062 AT 23:31 MST ON SEP 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 55 N
LONG 110 28 26 W
DRAINAGE AREA, 3 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8 12	SEP	15 4
APR	4 32	OCT	3 11
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 31.0 dam³

SOUSA CREEK NEAR HIGH LEVEL - STATION NO 07GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0.084	1.05	3.01	0.908	0.671	1.04	0.7828	---	1
2	---	---	0 B	0.0018	0.074	1.53	4.19	0.893	3.28	1.00	---	---	2
3	---	---	0 B	0.0018	0.093	1.78	4.61	0.533	6.46	0.980	---	---	3
4	---	---	0 B	0.0018	0.086	1.77	4.80	0.410	8.77	0.975	---	---	4
5	---	---	0 B	0.0018	0.038	1.81	5.19	0.428	8.74	1.01	---	---	5
6	---	---	0 B	0.0018	0.026	1.49	5.28	0.411	5.91	1.05	---	---	6
7	---	---	0 B	0.0018	0.022	1.42	5.88	0.482	5.10	1.05	---	---	7
8	---	---	0 B	0.0018	0.020	1.38	7.46	0.547	5.89	1.04	---	---	8
9	---	---	0 B	0.0018	0.018	1.28	8.18	0.605	5.46	1.04	---	---	9
10	---	---	0 B	0.0018	0.016	1.09	8.88	0.565	5.17	1.07	---	---	10
11	---	---	0 B	0.0018	0.014	0.880	9.08	0.495	4.82	1.09	---	---	11
12	---	---	0 B	0.0018	0.012	0.732	8.44	0.404	4.52	1.08	---	---	12
13	---	---	0 B	0.0018	0.010	0.611	7.58	0.318	4.02	1.08	---	---	13
14	---	---	0 B	0.0048	0.010	0.550	7.10	0.279	3.58	1.03	---	---	14
15	---	---	0 B	0.0108	0.008	0.492	6.70	0.247	3.24	0.979	---	---	15
16	---	---	0 B	0.0188	0.007	0.384	6.33	0.240	2.88	0.985	---	---	16
17	---	---	0 B	0.0188	0.008	0.341	6.06	0.238	2.84	0.9858	---	---	17
18	---	---	0 B	0.0558	0.017	0.302	5.77	0.214	2.36	1.05 B	---	---	18
19	---	---	0 B	0.0388	0.016	0.334	5.31	0.217	2.12	1.11 B	---	---	19
20	---	---	0 B	0.0238	0.084	0.323	5.04	0.228	1.84	0.9858	---	---	20
21	---	---	0 B	0.0088	0.188	0.290	4.74	0.228	1.81	1.11 B	---	---	21
22	---	---	0 B	0.0058	0.217	0.268	4.17	0.233	1.43	1.14 B	---	---	22
23	---	---	0 B	0.008	0.200	0.229	3.73	0.266	1.30	1.20 B	---	---	23
24	---	---	0 B	0.015	0.178	0.241	3.31	0.250	1.23	1.14 B	---	---	24
25	---	---	0 B	0.005	0.205	0.229	2.92	0.248	1.18	0.9849	---	---	25
26	---	---	0 B	0.004	0.318	0.221	2.52	0.255	1.17	1.10 B	---	---	26
27	---	---	0 B	0.004	0.411	0.241	2.17	0.258	1.14	1.08 B	---	---	27
28	---	---	0 0018	0.009	0.330	0.140	1.84	0.262	1.12	1.02 B	---	---	28
29	---	---	0 0018	0.020	0.283	0.092	1.55	0.388	1.07	0.9818	---	---	29
30	---	---	0 0018	0.075	0.250	0.944	1.33	0.505	1.03	0.9258	---	---	30
31	---	---	0 0018		0.430		1.12	0.528		0.8858	---	---	31
TOTAL	---	---	0.004	0.326	3.620	21.842	156.65	11.807	85.551	32.104	---	---	TOTAL
MEAN	---	---	0	0.011	0.117	0.728	5.05	0.384	3.22	1.04	---	---	MEAN
MAX	---	---	0.001	0.075	0.430	1.78	8.88	0.908	8.77	1.20	---	---	MAX
MIN	---	---	0	0.001	0.007	0.092	1.12	0.214	0.671	0.885	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 8.08 ON JUL 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.26 AT 03:00 MST ON JUL 11

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 36 00 N
LONG 116 29 00 W
DRAINAGE AREA, 818 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 500
FEB	---	AUG	1 030
MAR	0 35	SEP	8 340
APR	28 2	OCT	2 770
MAY	313	NOV	---
JUN	1 890	DEC	---

TOTAL DISCHARGE, 27 900 dam³

SOUTH FORK MILK RIVER NEAR BABB - STATION NO. 11AA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2278	0.198	0.368	0.248	0.283	0.388	0	0.386	---	---	1
2	---	---	0.2558	0.195	0.386	0.283	0.283	0.340	0	0.368	---	---	2
3	---	---	0.2558	0.221	0.386	0.311	0.386	0.388	0.044	0.312	---	---	3
4	---	---	0.1988	0.263	0.312	0.311	0.263	0.284	0.079	0.278	---	---	4
5	---	---	0.2278	0.311	0.311	0.340	0.235	0.198	0.071	0.249	---	---	5
6	---	---	0.1988	0.386	0.311	0.340	0.221	0.195	0.048	0.207	---	---	6
7	---	---	0.2278	0.396	0.368	0.340	0.170	0.283	0.045	0.198	---	---	7
8	---	---	0.2278	0.368	0.396	0.312	0.122	0.221	0.045	0.170	---	---	8
9	---	---	0.2278	0.312	0.368	0.311	0.121	0.145	0.057	0.133	---	---	9
10	---	---	0.2558	0.278	0.312	0.536	0.122	0.087	0.132	0.122	---	---	10
11	---	---	0.2838	0.278	0.340	0.594	0.108	0.079	0.205	0.122	---	---	11
12	---	---	0.3118	0.249	0.424	0.511	0.116	0.071	0.156	0.116	---	---	12
13	---	---	0.2838	0.235	0.733	0.454	0.108	0.085	0.108	0.116	---	---	13
14	---	---	0.2558	0.221	0.736	0.509	0.087	0.091	0.108	0.116	---	---	14
15	---	---	0.2278	0.235	0.652	0.454	0.065	0.089	0.108	0.144	---	---	15
16	---	---	0.1988	0.263	1.02	0.369	0.077	0.085	0.096	0.206	---	---	16
17	---	---	0.2558	0.367	0.935	0.284	0.071	0.077	0.079	0.221	---	---	17
18	---	---	0.3118	0.648	0.710	0.278	0.068	0.060	0.088	0.235	---	---	18
19	---	---	0.3688	1.18	0.568	0.263	0.051	0.048	0.082	0.249	---	---	19
20	---	---	0.2838	2.84	0.510	0.311	0.051	0.045	0.088	0.263	---	---	20
21	---	---	0.2838	2.13	0.454	2.29	0.048	0.031	0.098	0.2558	---	---	21
22	---	---	0.3118	1.23	0.453	3.72	0.029	0.028	0.365	0.2558	---	---	22
23	---	---	0.3118	0.881	0.425	1.73	0.022	0.017	0.508	0.2558	---	---	23
24	---	---	0.3408	0.766	0.397	1.08	0.018	0.012	0.454	0.2558	---	---	24
25	---	---	0.2838	0.709	0.368	0.712	0.016	0.008	0.397	0.2838	---	---	25
26	---	---	0.2838	0.596	0.368	0.540	0.065	0	0.368	0.3118	---	---	26
27	---	---	0.2278	0.611	0.368	0.454	0.098	0	0.340	0.3408	---	---	27
28	---	---	0.2838	0.510	0.368	0.381	0.365	0	0.312	0.3408	---	---	28
29	---	---	0.250	0.454	0.312	0.368	0.368	0	0.311	0.3408	---	---	29
30	---		0.249	0.397	0.278	0.278	0.480	0	0.388	0.3408	---	---	30
31	---		0.221		0.249		0.509	0		0.3408		---	31
TOTAL	---	---	8.111	17.628	14.150	18.923	4.884	3.321	5.102	7.553	---	---	TOTAL
MEAN	---	---	0.262	0.588	0.456	0.631	0.158	0.107	0.170	0.244	---	---	MEAN
MAX	---	---	0.368	2.84	1.02	3.72	0.509	0.398	0.508	0.396	---	---	MAX
MIN	---	---	0.198	0.195	0.249	0.249	0.016	0	0	0.116	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.325
MAXIMUM DAILY, 3.72 ON JUN 22
MINIMUM DAILY, 0 ON AUG 26
MAXIMUM INSTANTANEOUS,
5.01 AT 21:30 MST ON JUN 21

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 14 N
LONG 113 10 00 W
DRAINAGE AREA, 181 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	422
FEB	---	AUG	287
MAR	701	SEP	441
APR	1 520	OCT	653
MAY	1 220	NOV	---
JUN	1 630	DEC	---

TOTAL DISCHARGE, 6 870 dam³

SOUTH HEART RESERVOIR NEAR MCLENNAN - STATION NO 07BF008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.802A	3.000	3.046	3.467	3.881	4.210	3.609	3.307	---	---	1
2	---	---	2.804	3.008	3.042	3.509	4.027	4.182	3.585	3.307	---	---	2
3	---	---	2.802	3.018	3.016	3.546	4.073	4.159	3.586	3.312	---	---	3
4	---	---	2.805	3.025	3.012	3.591	4.111	4.154	3.565	3.305	---	---	4
5	---	---	2.808	3.032	3.024	3.633	4.153	4.151	3.555	3.293	---	---	5
6	---	---	2.808	3.039A	3.015	3.671	4.180	4.138	3.558	3.291	---	---	6
7	---	---	2.807	3.048	3.008	3.722	4.204	4.110	3.546	3.285	---	---	7
8	---	---	2.810	3.053	3.015	3.787	4.252	4.108	3.540	3.276	---	---	8
9	---	---	2.809	3.058	3.005	3.839	4.336	4.095	3.531	3.268	---	---	9
10	---	---	2.812	3.063A	2.999	3.892	4.402	4.088	3.527	3.263	---	---	10
11	---	---	2.813	3.064	2.987	3.949	4.473	4.053	3.520	3.247	---	---	11
12	---	---	2.814	3.068	2.998	3.970	4.533	4.042	3.505	3.244	---	---	12
13	---	---	2.814	3.070	3.008	3.975	4.588	4.027	3.491	3.231	---	---	13
14	---	---	2.815	3.074	3.003	3.989	4.600	4.006	3.481	3.222	---	---	14
15	---	---	2.817	3.076	3.000	3.989	4.623	3.990	3.473	3.220	---	---	15
16	---	---	2.819	3.052A	3.015	3.957	4.651	3.973	3.480	3.212	---	---	16
17	---	---	2.822	3.064A	3.008	3.934	4.655	3.960	3.443	3.213	---	---	17
18	---	---	2.822	3.071A	3.019	3.933	4.684	3.934	3.439	3.212	---	---	18
19	---	---	2.824	3.071A	3.026	3.949	4.652	3.903	3.427	3.215	---	---	19
20	---	---	2.828	3.071A	3.011	3.950	4.633	3.898	3.426	3.212	---	---	20
21	---	---	2.826	3.064A	3.073	3.980	4.617	3.886	3.425	3.208	---	---	21
22	---	---	2.826	3.046A	3.124	3.985	4.590	3.868	3.406	3.203	---	---	22
23	---	---	2.833	3.036A	3.170	3.968	4.563	3.838	3.383	3.208	---	---	23
24	---	---	2.836	3.050A	3.208	3.958	4.516	3.814	3.378	3.215	---	---	24
25	---	---	2.844	3.056A	3.248	3.965	4.470	3.780	3.370	3.208	---	---	25
26	---	---	2.850	3.058A	3.287	3.970	4.422	3.755	3.362	3.207	---	---	26
27	---	---	2.857	3.048	3.300	3.953	4.367	3.727	3.353	3.206	---	---	27
28	---	---	2.863	3.051	3.338	3.963	4.334	3.688	3.342	3.200	---	---	28
29	---	---	2.869	3.049	3.388	3.964	4.300	3.677	3.341	3.200A	---	---	29
30	---		2.880	3.048	3.418	3.920	4.286	3.667	3.330	3.200E	---	---	30
31	---		2.890		3.426		4.234	3.648		3.198E		---	31
MEAN	---	---	2.827	3.051	3.104	3.880	4.401	3.952	3.458	3.238	---	---	MEAN
MAX	---	---	2.890	3.076	3.426	3.975	4.684	4.210	3.609	3.312	---	---	MAX
MIN	---	---	2.802	3.000	2.987	3.467	3.881	3.648	3.330	3.198	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.684 ON JUL 18

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 41 00 N
LONG 116 35 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
2 090 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 622.058 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SOUTH SASKATCHEWAN RIVER AT HIGHWAY NO. 41 - STATION NO. 05AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.1B	81.7B	88.5B	83.4E	52.8	57.7	204	43.2	28.0E	45.2	10.4 B	71.1B	1
2	39.1B	83.2B	88.4B	89.4E	56.5	55.4	202	46.1	25.0E	39.1	15.1 B	61.4B	2
3	43.1B	84.0B	88.3B	87.3A	48.0	53.8	203	52.7	25.0E	36.2	8.50B	56.1B	3
4	46.6B	85.2B	82.4B	82.2	36.1	69.9	236	56.8	25.0E	35.2	13.6 B	49.4B	4
5	52.0B	86.2B	87.7B	80.5	30.2	124	239	71.3	24.3A	32.9	10.0 B	55.9B	5
6	53.9B	86.2B	91.5B	75.2	27.0	114	224	78.1	25.3	29.5	20.6 B	50.5B	6
7	55.1B	86.2B	87.6B	69.9	24.3	102	230	75.6	28.0	29.8	46.3 B	56.3B	7
8	55.6B	86.2B	87.8B	62.6	23.0	89.6	187	62.1	33.2	33.7	34.9 B	65.6B	8
9	55.4B	86.3B	88.4B	77.4	20.4	86.9	148	59.1	37.7	34.6	27.7 B	65.2B	9
10	55.4B	86.0B	90.0B	75.7	22.0	84.5	109	62.2	38.4	32.9	35.7 B	65.0B	10
11	55.1B	85.8B	86.1B	68.3	19.4	86.2	83.2	59.7	37.9	31.0	58.4 B	67.5B	11
12	54.9B	85.2B	72.9B	66.5	20.0	89.5	77.2	50.6	43.3	31.9	77.0 B	83.9B	12
13	54.6B	84.2B	72.5B	66.4	14.0	148	83.2	47.4	50.9	34.2	81.8 B	80.3B	13
14	54.3B	84.2B	65.5B	69.1	13.0	197	81.0A	49.3	52.1	34.2	65.0 B	66.7B	14
15	54.1B	84.2B	52.6B	69.0	26.2	191	76.4E	44.6	50.9	33.9	84.0 B	71.0B	15
16	53.1B	84.1B	52.4B	66.2	24.2	178	71.7E	43.3	40.2	33.4	73.7 B	64.0B	16
17	52.9B	84.2B	57.0B	62.0	28.1	184	67.1E	40.3	31.6	33.3	67.5 B	58.0B	17
18	52.3B	84.2B	55.6B	55.7	24.0	175	62.4E	37.6	28.4	35.1	58.5 B	58.0B	18
19	51.9B	84.2B	56.0B	63.1	18.3	220	57.8E	36.7	23.9	36.8	47.4 B	54.5B	19
20	51.9B	84.7B	73.5B	76.5	18.8	247	53.1E	34.6	35.0	37.4	44.9 B	53.8B	20
21	52.6B	85.2B	97.4B	75.8	20.1	251	48.5E	34.8	33.4	38.3	54.4 B	53.0B	21
22	55.6B	86.4B	100 B	63.5	78.3	250	39.2E	34.9	29.3	32.9	73.0 B	51.8B	22
23	60.1B	87.7B	97.9B	59.5	76.5	263	38.3E	34.8	30.8	29.1	80.3 B	50.9B	23
24	63.1B	88.0B	101 B	60.2	67.2	251	34.5A	34.0	29.4	30.0	83.5 B	49.5B	24
25	66.4B	89.2B	87.6B	68.4	74.7	231	34.3	31.9	24.9	28.8	91.1 B	48.0B	25
26	69.2B	89.4B	84.1E	74.2	85.4	220	36.5	29.8	24.9	28.5	86.5 B	47.5B	26
27	73.1B	89.2B	87.8E	81.7	75.9	198	35.1	28.0	27.5	31.4B	88.9 B	47.0B	27
28	76.1B	89.2B	90.6E	79.8	69.5	190	36.7	26.8	26.4	36.3B	95.2 B	46.0B	28
29	77.2B	89.3B	95.9E	72.8	69.9	200	36.3	26.8	37.2	31.9B	93.0 B	43.0B	29
30	78.7B		92.2E	65.2	68.4	190	40.8	26.7A	46.5	22.5B	78.8 B	42.0B	30
31	80.7B		88.4E		62.4		42.1	27.0E		15.6B		39.5B	31
TOTAL	1 781.2	2 480.7	2 557.8	2 153.6	1 305.6	4 785.5	3 115.4	1 381.5	989.4	1 011.7	1 748.80	1 770.0	TOTAL
MEAN	57.5	85.5	82.5	71.8	42.1	160	100	44.9	33.0	32.6	58.3	57.1	MEAN
MAX	80.7	89.4	101	89.4	86.4	263	239	78.1	52.1	45.2	95.5	83.9	MAX
MIN	37.1	81.7	52.4	55.7	13.0	53.8	34.3	26.8	23.9	15.6	8.50	39.5	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.6
MAXIMUM DAILY, 263 ON JUN 23
MINIMUM DAILY, 8.50B ON NOV 3
MAXIMUM INSTANTANEOUS,
270 AT 19:36 MST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 15 N
LONG 110 05 45 W
DRAINAGE AREA, 86 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	154 000	JUL	269 000
FEB	215 000	AUG	120 000
MAR	221 000	SEP	85 500
APR	186 000	OCT	87 400
MAY	113 000	NOV	151 000
JUN	413 000	DEC	153 000

TOTAL DISCHARGE, 2 170 000 dam³

SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT - STATION NO. 05AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.0B	83.8B	88.1B	86.0	30.6	52.5	195	54.4	24.9	30.8	8.50B	56.1B	1
2	46.5B	85.0B	92.2B	79.4	24.7	56.4	206	60.5	24.7	31.4	13.6 B	49.4B	2
3	51.9B	86.0B	81.5B	78.2	20.9	110	244	70.6	24.4	28.3	10.0 B	55.9B	3
4	53.8B	86.0B	91.3B	70.6	17.4	118	243	80.9	26.5	25.8	20.6 B	50.5B	4
5	55.0B	86.0B	85.6B	67.7	17.4	101	229	82.8	28.2	27.9	46.3 B	56.3B	5
6	55.5B	86.0B	87.6B	69.2	18.3	89.3	235	73.2	27.0E	31.1	34.9 B	65.6B	6
7	55.3B	86.0B	88.2B	70.2	19.9	82.9	179	64.4	28.0E	31.3	27.7 B	65.2B	7
8	55.3B	85.8B	89.6B	69.9	18.7	81.1	136	65.7	34.0E	28.7	35.7 B	65.0B	8
9	55.0B	85.0B	85.9B	66.9	16.6	81.5	98.8	66.8	36.0E	27.4	69.4 B	67.5B	9
10	54.8B	85.0B	72.7B	63.2	15.2	90.6	86.1	56.1	36.7A	29.6	77.0 B	83.9B	10
11	54.5B	84.0B	72.3B	63.7	14.8	105	84.5	51.5	35.0A	31.5	81.9 B	80.3B	11
12	54.2B	84.0B	65.3B	65.9	17.2	166	92.0	54.8	35.0A	31.7	85.0 B	66.7B	12
13	54.0B	84.0B	52.4B	66.3	18.1	180	68.4	46.5	58.0A	30.9	88.0 B	71.0B	13
14	53.0B	83.9B	52.2B	67.2	23.5	162	61.7	45.9	34.3	31.0	73.7 B	64.0B	14
15	52.8B	84.0B	56.6B	63.1	28.8A	148	52.9	41.2	28.4	31.4	67.5 B	58.0B	15
16	52.2B	84.0B	55.4B	53.6	28.1A	147	44.8	38.9	22.1	31.9	58.5 B	55.0B	16
17	51.8B	84.0B	55.8B	56.1	24.1E	177	39.5	36.6	22.5	31.5	47.4 B	54.5B	17
18	51.6B	84.5B	73.3	62.3	22.1A	208	38.6	33.7	33.6	32.6	44.9 B	53.8B	18
19	52.5B	85.0B	87.2	65.3	20.8	208	35.5	33.8	24.7	31.2	54.4 B	53.0B	19
20	55.5B	86.2B	99.6	51.6	78.0	209	32.2	33.6	20.6	27.6	73.0 B	51.8B	20
21	60.0B	87.5B	97.5	48.9	80.0	235	32.5	34.2	26.3	26.8	80.3 B	50.5B	21
22	63.0B	88.8B	99.7	46.1	74.9	239	31.9	33.3	22.1	26.8	83.5 B	49.5B	22
23	66.2B	89.0B	87.4	56.4	74.5	223	32.4	30.9	21.2	25.3	91.1 B	49.0B	23
24	69.0B	89.2B	83.9	59.6	91.0	214	35.4	29.2	24.1	26.3B	96.5 B	47.5B	24
25	72.9B	89.0B	87.6	67.4	86.4	204	37.8	28.7	25.0	31.4B	86.9 B	47.0B	25
26	75.9B	89.0B	90.6	66.2	74.1	188	39.8	26.9	24.1	35.3B	93.2 B	45.0B	26
27	77.0B	89.1B	95.7	58.5	68.0	167	39.0	31.1	39.3	31.9B	93.0 B	43.0B	27
28	78.5B	88.4B	92.0	54.1	68.5	191	39.2	25.6	45.6	22.5B	76.6 B	42.0B	28
29	80.5B	88.2B	86.2	47.6	82.5	193	41.2	25.6	43.1	15.6B	71.1 B	39.5B	29
30	81.5B		83.2	40.3	87.0	218	43.8	24.2	34.2	10.4B	61.4 B	38.0B	30
31	83.0B		89.2		83.3		47.4	24.3		15.1B		40.0B	31
TOTAL	1 865.9	2 496.4	2 536.4	1 872.5	1 281.3	4 667.3	2 824.4	1 413.3	907.6	871.0	1 855.80	1 715.5	TOTAL
MEAN	60.2	86.1	81.9	62.4	40.7	156	91.1	45.6	30.3	28.1	61.9	55.3	MEAN
MAX	83.0	89.2	99.6	86.0	91.0	239	244	82.8	58.0	35.3	96.5	83.9	MAX
MIN	43.0	83.8	52.2	40.3	14.8	52.5	31.9	24.2	20.8	10.4	8.50	38.0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.4
MAXIMUM DAILY, 244 ON JUL 3
MINIMUM DAILY, 8.50B ON NOV 1
MAXIMUM INSTANTANEOUS,
260 AT 21:09 MST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 110 40 40 W
DRAINAGE AREA, 56 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	161 000	JUL	244 000
FEB	216 000	AUG	122 000
MAR	218 000	SEP	78 400
APR	162 000	OCT	75 300
MAY	108 000	NOV	160 000
JUN	403 000	DEC	148 000

TOTAL DISCHARGE, 2 100 000 dam³

SOUTH WABASCA LAKE NEAR DESMARAIS - STATION NO. 07JA002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.348	---	0.289	0.665A	0.783	0.802	0.653	0.682	0.724	---	1
2	---	---	0.342A	---	0.287	0.635E	0.785	0.789	0.626	0.681	0.722	---	2
3	---	---	---	---	0.273	0.705A	0.792	0.776	0.652	0.700	0.723	---	3
4	---	---	---	0.305A	0.285	0.784	0.793	0.774	0.656	0.692	0.720	---	4
5	---	---	---	---	0.287	0.836	0.788	0.763	0.642	0.681	0.718	---	5
6	---	---	---	---	0.258	0.878	0.771	0.758	0.628	0.691	0.712	---	6
7	---	---	---	---	0.281	0.898	0.782	0.733	0.630	0.685	0.711	---	7
8	---	---	---	---	0.285	0.914	0.804	0.729	0.657	0.681	0.705A	---	8
9	---	---	---	---	0.280	0.923	0.849	0.735	0.681	0.688	---	---	9
10	---	---	---	---	0.248	0.933	0.877	0.725	0.690	0.688	---	---	10
11	---	---	---	---	0.255	0.941	0.910	0.724	0.725	0.688	---	---	11
12	---	---	---	0.301A	0.267	0.952	0.925	0.720	0.736	0.654	---	---	12
13	---	---	---	---	0.287	0.957	0.930	0.709	0.751	0.655	---	---	13
14	---	---	---	---	0.285	0.939	0.927	0.723	0.761	0.637	---	---	14
15	---	---	---	---	0.259	0.934	0.922	0.725	0.769	0.648	---	---	15
16	---	---	---	---	0.259	0.921	0.933	0.718	0.763	0.637	---	---	16
17	---	---	---	---	0.246	0.910	0.921	0.720	0.751	0.678	---	---	17
18	---	---	---	0.282A	0.263	0.909	0.920	0.705	0.767	0.695	---	---	18
19	---	---	---	0.281	0.311	0.894	0.907	0.699	0.739	0.719	---	---	19
20	---	---	0.291A	0.288	0.309	0.877	0.897	0.696	0.751	0.723	---	---	20
21	---	---	---	0.284	0.342	0.871	0.883	0.704	0.738	0.721	---	---	21
22	---	---	---	0.281	0.374	0.865	0.879	0.697	0.727	0.714	---	---	22
23	---	---	---	0.282	0.404A	0.858	0.881	0.688	0.731	0.721	---	---	23
24	---	---	---	0.294	0.427	0.843	0.874	0.678	0.728	0.734	---	---	24
25	---	---	---	0.289	0.450	0.822	0.869	0.673	0.716	0.707	---	---	25
26	---	---	---	0.284	0.468	0.826	0.874	0.659	0.716	0.703	---	---	26
27	---	---	---	0.285	0.478	0.811	0.865	0.658	0.719	0.728	---	---	27
28	---	---	---	0.290	0.488	0.805	0.834	0.615	0.712	0.728	---	---	28
29	---	0.356A	---	0.291	0.484	0.793	0.827	0.623	0.713	0.729	---	---	29
30	---	---	---	0.288	0.501	0.805	0.818	0.588	0.709	0.728	---	---	30
31	---	---	---	---	0.484	---	0.812	0.587	---	0.727	---	---	31
MEAN	---	---	---	---	0.332	0.854	0.858	0.712	0.707	0.693	---	---	MEAN
MAX	---	---	---	---	0.501	0.957	0.933	0.802	0.769	0.734	---	---	MAX
MIN	---	---	---	---	0.246	0.665	0.771	0.615	0.626	0.637	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.957 ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 56 23 N
LONG 113 46 15 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SPRAY POWER DIVERSION AT CANMORE - STATION NO. 05BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8	18.3	17.0	7.08	8.78	0.283	0.283	4.53	0.283	7.85	13.9	18.7	1
2	17.8	18.5	17.3	7.08	8.08	0.283	2.83	4.25	0.283	4.53	13.0	18.7	2
3	17.8	20.7	11.3	8.50	5.95	0.283	5.66	5.95	1.13	5.38	11.9	18.4	3
4	17.6	20.1	11.6	7.78	8.50	3.68	5.38	0.283	8.51	7.36	11.6	18.1	4
5	17.3	21.2	11.3	8.50	8.50	11.0	5.81	0.283	7.36	11.9	9.63	21.8	5
6	17.6	18.3	12.7	8.50	7.08	11.0	5.66	0.283	8.50	0.283	7.08	20.4	6
7	17.3	20.1	11.9	8.50	8.95	11.0	0.283	2.55	3.96	0.283	11.9	19.5	7
8	17.8	19.8	11.8	8.21	8.95	11.3	0.283	3.68	0.283	0.283	10.2	18.4	8
9	17.8	20.1	11.8	8.34	7.08	11.0	9.63	4.53	5.10	7.93	8.78	18.4	9
10	18.4	20.7	13.3	9.63	7.93	0.283	5.95	5.95	5.95	11.0	4.25	19.5	10
11	18.4	18.7	11.3	8.50	8.91	5.66	4.25	0.283	5.66	0.283	5.10	17.0	11
12	17.8	18.7	12.5	9.63	5.66	5.10	4.25	0.283	4.53	3.83	7.93	18.7	12
13	18.1	21.5	11.5	8.50	8.50	0.283	3.68	3.68	5.38	0.283	11.6	18.8	13
14	17.3	24.4	11.3	7.93	10.5	0.283	0.283	3.40	5.10	1.70	9.63	20.1	14
15	17.8	5.66	15.6	8.78	7.36	0.283	0.283	3.40	5.66	5.66	14.2	20.1	15
16	19.0	18.7	12.7	9.91	5.38	0.283	8.21	5.95	5.10	5.66	14.4	18.7	16
17	17.8	17.6	15.6	9.34	5.66	0.283	9.34	6.23	0.283	2.83	11.9	18.4	17
18	18.4	17.3	11.6	8.50	5.95	5.66	0.283	0.283	0.283	5.95	5.66	18.0	18
19	18.1	16.7	10.5	8.50	5.66	5.66	1.13	0.283	0.283	8.50	14.2	18.1	19
20	18.1	15.8	9.91	8.78	5.66	5.66	0.283	2.55	0.283	5.95	14.4	21.5	20
21	17.8	18.0	8.91	9.34	5.66	0.566	4.81	4.53	5.38	0.283	18.7	19.5	21
22	18.4	18.4	9.91	8.50	5.80	3.11	0.283	4.53	4.81	3.68	15.3	17.0	22
23	18.7	18.4	8.91	8.91	6.21	3.40	10.5	2.83	0.283	3.40	17.0	18.5	23
24	17.8	18.7	9.91	10.5	8.78	0.283	5.95	5.10	5.38	1.70	14.2	18.8	24
25	18.4	13.8	8.91	9.91	11.0	4.53	5.95	4.25	3.96	6.51	13.6	18.0	25
26	17.0	14.2	8.21	9.91	5.66	5.38	5.38	0.283	2.55	0.283	17.8	17.0	26
27	18.4	17.0	9.63	9.91	5.66	4.81	0.283	2.83	4.25	0.283	17.6	18.6	27
28	18.4	18.7	9.06	9.91	7.65	4.25	0.283	6.23	4.53	0.283	17.0	18.4	28
29	18.1	17.0	8.50	13.0	8.51	4.53	0.283	3.27	0.283	12.7	16.4	17.0	29
30	20.1		7.08	9.91	8.51	0.283	3.40	2.55	0.283	18.1	18.4	17.0	30
31	20.4		7.08		4.81		4.25	4.25		14.2		18.6	31
TOTAL	562.7	523.26	351.92	273.59	215.47	120.409	115.633	86.284	101.930	183.047	376.78	574.5	TOTAL
MEAN	18.2	18.0	11.4	9.12	6.95	4.01	3.74	3.17	3.40	5.26	12.6	18.5	MEAN
MAX	20.4	24.4	17.3	13.0	11.0	11.3	10.5	6.23	7.36	18.1	18.4	21.8	MAX
MIN	17.0	5.66	7.08	7.08	4.81	0.283	0.283	0.283	0.283	0.283	4.25	18.0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.50
MAXIMUM DAILY, 24.4 ON FEB 14
MINIMUM DAILY, 0.283 ON JUN 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 51 05 20 N
LONG 115 22 35 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 800	JUL	10 000
FEB	45 200	AUG	8 490
MAR	30 400	SEP	8 810
APR	23 600	OCT	14 100
MAY	18 600	NOV	32 800
JUN	10 400	DEC	49 800

TOTAL DISCHARGE, 300 000 dam³

DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

SPRAY RESERVOIR AT THREE SISTERS DAM - STATION NO. 05BC008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1695.70	1694.26	1691.73	1689.90	1688.68	1689.08	1695.24	1698.53	1699.89	1700.86	1700.72	1699.60	1
2	1696.61	1694.17	1691.64	1689.87	1688.65	1689.17	1695.38	1698.59	1700.02	1700.65	1700.69	1699.53	2
3	1696.55	1694.05	1691.58	1689.81	1688.62	1689.28	1695.54	1698.68	1700.05	1700.59	1700.66	1699.47	3
4	1696.48	1693.99	1691.52	1689.75	1688.59	1689.35	1695.66	1698.74	1700.08	1700.59	1700.60	1699.41	4
5	1696.48	1693.90	1691.46	1689.72	1688.59	1689.41	1695.82	1698.80	1700.11	1700.59	1700.60	1699.35	5
6	1696.36	1693.80	1691.40	1689.69	1688.56	1689.51	1696.00	1698.89	1700.11	1700.72	1700.60	1699.28	6
7	1696.27	1693.71	1691.34	1689.63	1688.53	1689.63	1695.12	1698.95	1700.11	1700.72	1700.57	1699.20	7
8	1696.21	1693.59	1691.24	1689.57	1688.53	1689.78	1696.27	1699.02	1700.14	1700.75	1700.54	1699.14	8
9	1696.15	1693.47	1691.18	1689.54	1688.50	1689.93	1696.33	1699.08	1700.17	1700.75	1700.54	1699.05	9
10	1696.06	1693.41	1691.12	1689.48	1688.47	1690.12	1696.43	1699.14	1700.20	1700.78	1700.54	1699.02	10
11	1696.00	1693.32	1691.06	1689.45	1688.44	1690.30	1696.55	1699.20	1700.24	1700.75	1700.54	1698.98	11
12	1695.91	1693.22	1691.00	1689.38	1688.44	1690.51	1696.67	1699.23	1700.27	1700.78	1700.54	1698.86	12
13	1695.82	1693.13	1690.94	1689.32	1688.41	1690.78	1696.79	1699.29	1700.27	1700.78	1700.51	1698.83	13
14	1695.72	1693.04	1690.88	1689.29	1688.38	1691.06	1696.91	1699.35	1700.30	1700.78	1700.48	1698.74	14
15	1695.69	1692.96	1690.79	1689.26	1688.41	1691.40	1697.00	1699.38	1700.33	1700.78	1700.42	1698.65	15
16	1695.60	1692.89	1690.73	1689.23	1688.44	1691.73	1697.13	1699.44	1700.35	1700.81	1700.35	1698.59	16
17	1695.54	1692.80	1690.83	1689.17	1688.47	1692.04	1697.25	1699.47	1700.36	1700.84	1700.33	1698.53	17
18	1695.42	1692.74	1690.57	1689.14	1688.47	1692.25	1697.34	1699.50	1700.39	1700.84	1700.30	1698.44	18
19	1695.36	1692.65	1690.51	1689.14	1688.50	1692.40	1697.43	1699.56	1700.42	1700.88	1700.27	1698.41	19
20	1695.27	1692.55	1690.45	1689.14	1688.53	1692.58	1697.52	1699.60	1700.42	1700.88	1700.20	1698.32	20
21	1695.21	1692.48	1690.42	1689.11	1688.56	1692.80	1697.61	1699.63	1700.48	1700.88	1700.17	1698.22	21
22	1695.11	1692.40	1690.36	1689.08	1688.59	1692.93	1697.71	1699.69	1700.48	1700.91	1700.11	1698.16	22
23	1695.02	1692.31	1690.30	1689.05	1688.62	1693.16	1697.77	1699.69	1700.51	1700.91	1700.05	1698.10	23
24	1694.96	1692.22	1690.24	1688.99	1688.56	1693.36	1697.86	1699.75	1700.54	1700.91	1699.99	1698.01	24
25	1694.87	1692.13	1690.21	1688.96	1688.56	1693.62	1697.92	1699.78	1700.54	1700.88	1699.93	1697.95	25
26	1694.78	1692.07	1690.18	1688.93	1688.56	1693.87	1698.01	1699.81	1700.57	1700.88	1699.87	1697.89	26
27	1694.72	1692.01	1690.12	1688.87	1688.59	1694.11	1698.10	1699.84	1700.60	1700.88	1699.84	1697.80	27
28	1694.63	1691.91	1690.06	1688.84	1688.59	1694.38	1698.19	1699.87	1700.60	1700.91	1699.78	1697.74	28
29	1694.54	1691.82	1690.02	1688.77	1688.65	1694.72	1698.28	1699.90	1700.63	1700.91	1699.72	1697.68	29
30	1694.44		1689.96	1688.71	1688.77	1695.02	1698.38	1699.93	1700.66	1700.81	1699.66	1697.61	30
31	1694.35		1689.93		1688.93		1698.44	1699.96		1700.78		1697.52	31
MEAN	1695.57	1693.00	1690.76	1689.29	1688.65	1691.81	1697.02	1699.26	1700.33	1700.80	1700.31	1698.58	MEAN
MAX	1696.70	1694.26	1691.73	1689.90	1688.93	1695.02	1698.44	1699.96	1700.66	1700.91	1700.72	1699.60	MAX
MIN	1694.35	1691.82	1689.93	1688.71	1688.38	1689.08	1695.24	1698.53	1699.89	1700.65	1699.66	1697.52	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1695.45
MAXIMUM DAILY, 1700.91 ON OCT 22
MINIMUM DAILY, 1688.38 ON MAY 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 59 00 N
LONG 115 22 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SPRAY RIVER AT BANFF - STATION NO. 05BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.38 B	0.9408	1.748	2.18E	1.86	4.00	5.46	3.78	2.35	2.29	1.788	2.008	1
2	1.38 B	0.9808	1.748	2.18E	1.87	3.56	5.59	3.79	2.35	2.44	1.788	1.858	2
3	1.38 B	0.9808	1.828	2.18E	1.87	3.39	5.04	3.74	2.38	2.45	1.858	1.708	3
4	1.38 B	1.00 B	1.888	2.18E	1.83	3.17	4.82	3.63	2.35	2.26	2.208	1.608	4
5	1.38 B	1.03 B	1.898	2.18E	2.03	3.37	4.87	3.67	2.28	2.26	2.408	1.708	5
6	1.38 B	1.07 B	1.90E	3.18E	2.18	3.88	5.32	3.73	2.41	2.32	2.508	1.908	6
7	1.38 B	1.11 B	1.97E	2.18E	1.90	4.08	4.78	3.89	2.38	2.21	2.408	1.908	7
8	1.40 B	1.16 B	2.00E	2.12E	1.83	3.33	4.43	3.61	2.32	2.30	2.308	1.708	8
9	1.42 B	1.22 B	2.01E	2.08E	1.81	5.25	4.17	3.54	2.34	2.21	2.258	1.758	9
10	1.47 B	1.28 B	2.03E	2.06E	1.87	4.77	3.35	3.76	2.34	2.20	2.308	1.808	10
11	1.50 B	1.33 B	2.00E	2.08E	1.85	5.20	3.96	3.75	2.47	2.15	2.208	1.808	11
12	1.50 B	1.36 B	2.00E	2.06E	1.85	6.02	4.05	3.83	2.62	2.17	2.208	1.758	12
13	1.50 B	1.40 B	2.00B	2.10E	1.85	5.86	3.96	3.84	2.46	2.18	2.208	1.708	13
14	1.48 B	1.45 B	2.00B	2.10E	1.85	7.77	3.78	3.86	2.48	2.19	2.358	1.858	14
15	1.47 B	1.50 B	2.04B	2.10E	2.18	8.78	3.89	3.82	2.37	2.19	2.308	1.808	15
16	1.48 B	1.51 B	2.10E	2.13E	2.55	8.81	3.85	3.48	2.38	2.19	2.258	1.808	16
17	1.38 B	1.50 B	2.12E	2.26E	2.34	7.59	3.80	3.43	2.31	2.16	2.208	1.808	17
18	1.20 B	1.48 B	2.12E	2.25E	2.30	6.51	3.49	3.40	2.37	2.14	2.208	1.808	18
19	1.07 B	1.47 B	2.12E	2.23E	2.32	5.98	3.50	3.53	2.40	2.09	2.158	1.858	19
20	0.9308	1.47 B	2.12E	2.17E	2.43	5.83	3.48	3.46	2.43	1.88	2.108	1.828	20
21	0.9008	1.47 B	2.12E	2.08E	2.38	5.67	3.55	3.40	2.50	1.78	2.208	1.858	21
22	0.9208	1.49 B	2.10E	1.98E	2.28	5.17	3.30	3.34	2.48	1.908	2.008	1.708	22
23	0.8608	1.52 B	2.10E	1.92E	2.28	5.37	3.15	3.33	2.41	1.778	1.808	1.708	23
24	1.03 B	1.57 B	2.10E	1.90E	2.33	5.83	3.02	3.32	2.38	1.878	2.058	1.688	24
25	1.03 B	1.60 B	2.10E	1.89E	2.24	8.18	3.00	3.27	2.41	1.858	1.808	1.658	25
26	1.03 B	1.62 B	2.10E	1.89E	2.32	6.29	2.91	3.25	2.34	1.828	1.858	1.858	26
27	1.03 B	1.64 B	2.10E	1.85A	2.21	6.65	2.93	3.83	2.30	1.838	1.808	1.828	27
28	1.02 B	1.68 B	2.14E	1.90	2.21	6.85	2.97	3.64	2.32	1.858	1.788	1.708	28
29	1.00 B	1.70 B	2.17E	1.85	2.91	9.01	2.94	3.45	2.26	1.808	1.728	1.738	29
30	0.9748		2.18E	1.84	5.66	8.29	2.94	3.41	2.29	1.808	1.858	1.758	30
31	0.8408		2.18E		5.85		2.88	3.36		1.758		1.708	31
TOTAL	38.354	38.800	63.03	62.15	73.08	176.12	130.34	78.74	71.12	63.02	63.85	52.88	TOTAL
MEAN	1.23	1.37	2.03	2.07	2.36	5.84	3.86	2.54	2.37	2.03	2.10	1.71	MEAN
MAX	1.50	1.70	2.18	2.26	5.66	9.01	6.46	3.79	2.62	2.45	2.50	2.00	MAX
MIN	0.900	0.840	1.74	1.85	1.83	3.17	2.88	2.25	2.30	1.40	1.73	1.50	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.46
MAXIMUM DAILY, 9.01 ON JUN 29
MINIMUM DAILY, 0.8608 ON JAN 21
MAXIMUM INSTANTANEOUS,
9.64 AT 20:35 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 30 N
LONG 115 33 00 W
DRAINAGE AREA, 749 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1948

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 310	JUL	10 400
FEB	3 420	AUG	6 800
MAR	5 450	SEP	6 140
APR	5 370	OCT	5 440
MAY	6 310	NOV	5 430
JUN	15 100	DEC	4 970

TOTAL DISCHARGE, 77 700 dam³

SPRING CREEK (UPPER) NEAR VALLEYVIEW - STATION NO 07GF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0078	0.816	0.188	0.001	0.001	0.001	0.030	---	---	1
2	---	---	---	0.0138	1.14	0.157	0.108	0.002	0.001	0.028	---	---	2
3	0.0128	---	---	0.0188	0.855	0.132	0.070	0.003	0	0.029	---	---	3
4	---	---	---	0.0178	0.671	0.116	0.053	0.001	0	0.033	---	---	4
5	---	---	0 B	0.0258	0.532	0.111	0.048	0	0	0.030	0.0508	---	5
6	---	08	---	0.0248	0.420	0.136	0.040	0	0.043	0.027	---	---	6
7	---	---	---	0.0268	0.343	0.225	0.044	0	0.173	0.029	---	---	7
8	---	---	---	0.0248	0.257	0.500	0.050	0	0.182	0.025	---	---	8
9	---	---	---	0.0248	0.259	0.884	0.048	0	0.148	0.023	---	---	9
10	---	---	---	0.019	0.471	0.501	0.037	0	0.121	0.023	---	---	10
11	---	---	---	0.043	0.750	0.328	0.027	0	0.118	0.021	---	---	11
12	---	---	0 B	0.052	0.890	0.227	0.019	0	0.130	0.020	---	---	12
13	---	08	---	0.054	0.490	0.182	0.012	0.001	0.102	0.019	0.0458	---	13
14	---	---	---	0.052	0.377	0.148	0.008	0.001	0.083	0.043	---	---	14
15	---	---	---	0.052	0.381	0.120	0.005	0.001	0.073	0.048	---	---	15
16	0.0028	---	---	0.055	1.74	0.081	0.003	0.001	0.064	0.038	---	---	16
17	---	---	---	0.057	4.81	0.082	0.003	0.001	0.063	0.054	---	---	17
18	---	---	---	0.073	2.93	0.059	0.002	0.001	0.058	0.059	---	---	18
19	---	---	0 B	0.083	1.63	0.053	0.001	0	0.052	0.053	---	---	19
20	---	08	---	0.090	1.03	0.048	0.001	0.001	0.039	0.0488	---	---	20
21	---	---	---	0.088	1.02	0.043	0.001	0.001	0.036	0.0438	---	---	21
22	---	---	0 B	0.087	1.39	0.031	0.001	0	0.031	0.0438	---	---	22
23	0 B	---	0 B	0.084	1.18	0.015	0	0.001	0.028	0.0538	---	---	23
24	---	---	0.0018	0.122	0.825	0.013	0	0.001	0.028	0.0938	---	---	24
25	---	---	0.0018	0.118	0.589	0.017	0	0.001	0.039	0.1188	---	---	25
26	---	---	0.0038	0.128	0.448	0.018	0	0	0.041	0.1058	0.0258	---	26
27	---	08	0.0048	0.178	0.356	0.017	0	0	0.034	0.1008	---	---	27
28	---	---	0.0058	0.351	0.287	0.016	0.001	0	0.030	0.0708	---	---	28
29	---	---	0.0058	0.487	0.268	0.016	0	0	0.028	0.0408	---	---	29
30	0 B		0.0058	0.831	0.234	0.141	0	0	0.028	0.0428	---	---	30
31	---		0.0068		0.205		0.001	0		0.0468		---	31
TOTAL	---	---	---	3.105	26.782	4.711	0.745	0.018	1.758	1.431	---	---	TOTAL
MEAN	---	---	---	0.104	0.864	0.157	0.024	0.001	0.059	0.046	---	---	MEAN
MAX	---	---	---	0.831	4.81	0.994	0.108	0.003	0.182	0.118	---	---	MAX
MIN	---	---	---	0.007	0.205	0.013	0	0	0	0.019	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.81 ON MAY 17
MINIMUM DAILY, 0.08 ON MAR 5
MAXIMUM INSTANTANEOUS,
5.28 AT 21:07 MST ON MAY 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 46 N
LONG 117 42 20 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	84.4
FEB	---	AUG	1.56
MAR	---	SEP	152
APR	268	OCT	124
MAY	2 310	NOV	---
JUN	407	DEC	---

SPRING CREEK NEAR VALLEYVIEW - STATION NO 07GF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0578	1.54	0.872	0.424	0	0.028	0.081	---	---	1
2	---	---	---	0.0818	2.08	0.536	0.289	0	0.014	0.083	---	---	2
3	---	---	---	0.3478	1.54	0.407	0.195	0	0.004	0.083	---	---	3
4	---	---	---	0.2418	1.73	0.307	0.118	0	0.003	0.088	---	---	4
5	---	---	---	0.1898	1.72	0.339	0.092	0	0	0.090	---	---	5
6	---	---	---	0.1158	1.43	0.482	0.085	0	0.144	0.078	---	---	6
7	---	---	---	0.1238	1.02	0.840	0.081	0	0.391	0.076	---	---	7
8	---	---	---	0.1268	0.723	2.10	0.111	0	0.382	0.075	---	---	8
9	---	---	---	0.1248	0.776	2.87	0.108	0.029	0.286	0.067	---	---	9
10	---	---	---	0.1338	1.50	1.87	0.084	0.008	0.246	0.048	---	---	10
11	---	---	---	0.1098	2.01	1.21	0.048	0.003	0.295	0.041	---	---	11
12	---	---	---	0.1158	1.93	0.944	0.018	0.143	0.292	0.039	---	---	12
13	---	---	---	0.1268	1.42	0.664	0.005	0.074	0.259	0.038	---	---	13
14	---	---	---	0.1248	1.12	0.485	0	0	0.198	0.080	---	---	14
15	---	---	---	0.1468	1.13	0.379	0.003	0	0.166	0.129	---	---	15
16	---	---	---	0.1478	5.83	0.282	0	0	0.150	0.101	---	---	16
17	---	---	---	0.1848	17.6	0.241	0	0	0.166	0.124	---	---	17
18	---	---	---	0.1858	11.1	0.209	0	0	0.182	0.4068	---	---	18
19	---	---	---	0.2018	5.84	0.167	0	0.088	0.131	0.2048	---	---	19
20	---	---	---	0.2258	3.48	0.143	0	0.027	0.111	---	---	---	20
21	---	---	---	0.2448	3.75	0.145	0	0	0.098	---	---	---	21
22	---	---	---	0.2248	4.77	0.159	0	0	0.098	0.1538	---	---	22
23	---	---	0.0818	0.2118	4.28	0.093	0	0	0.091	---	---	---	23
24	---	---	0.0738	0.2878	3.16	0.083	0.003	0	0.091	---	---	---	24
25	---	---	0.0688	0.3158	2.30	0.041	0	0	0.100	---	---	---	25
26	---	---	0.0588	0.4488	1.72	0.058	0	0	0.127	---	---	---	26
27	---	---	0.0638	0.852	1.48	0.056	0	0	0.121	---	---	---	27
28	---	---	0.0628	1.17	1.26	0.018	0	0	0.100	---	---	---	28
29	---	---	0.0498	1.48	0.891	0.028	0	0	0.091	---	---	---	29
30	---		0.0468	2.05	0.746	0.341	0	0	0.084	---	---	---	30
31	---		0.0518		0.622		0	0.001		---		---	31
TOTAL	---	---	---	10.280	80.267	15.145	1.662	0.354	4.388	---	---	---	TOTAL
MEAN	---	---	---	0.342	2.81	0.538	0.054	0.011	0.145	---	---	---	MEAN
MAX	---	---	---	2.05	17.6	2.87	0.424	0.143	0.391	---	---	---	MAX
MIN	---	---	---	0.057	0.622	0.018	0	0	0	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 17.6 ON MAY 17
MINIMUM DAILY, 0 ON JUL 14
MAXIMUM INSTANTANEOUS,
23.7 AT 02:47 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 05 N
LONG 117 50 55 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	144
FEB	---	AUG	30.6
MAR	---	SEP	378
APR	886	OCT	---
MAY	7 800	NOV	---
JUN	1 400	DEC	---

ST MARY CANAL AT ST MARY CROSSING - STATION NO 05AE029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	1 39B	13 5	7 25	18 9	19 3	18 5	0	0	---	---	1
2	---	0 B	3 34B	13 0	4 97	18 9	19 1	18 5	0	0	---	---	2
3	---	0 B	4 39	11 2	3 90	18 9	19 0	18 4	0	0	---	---	3
4	---	0 B	3 54	8 82	3 87	19 2	18 9	18 4	0	0	---	---	4
5	---	0 B	1 42	7 31	3 87	19 4	19 2	18 4	0	0	---	---	5
6	---	0 B	1 76	6 50	3 88	18 5	19 6	18.2	0	0	---	---	6
7	---	0 B	2 78	5 88	3 86	18 4	19 5	18 3	0	0	---	---	7
8	---	0 B	2 81	5 29	3 69	18 5	19 5	18 2	0	0	---	---	8
9	---	0 B	3 09	4 82	3 39	18 5	19 4	18 2	0	0	---	---	9
10	---	0 B	3 71	4 00	3 23	18 9	19 4	18 2	0	0	---	---	10
11	---	0 B	4 25	2 84	2 97	18 9	19 3	18 2	0	0	---	---	11
12	---	0 B	5 46	2 91	2 98	18 8	19 3	18 2	0	0	---	---	12
13	---	0 B	6 08	3 17	2 98	18 7	19 3	18 2	0	0	---	---	13
14	---	0 B	6 82	3 06	3 00	18 7	19 3	18 1	0	0	---	---	14
15	---	0 B	7 98	2 80	3 32	18 6	19 3	18 0	0	0	---	---	15
16	---	0 B	10 6	3 78	4 51	18 8	19 3	18 1	0	0	---	---	16
17	---	0 B	12 6	2 77	7 13	19 0	19 3	18 0	0	0	---	---	17
18	---	0 B	13 8	2 83	14 2	19 1	19 4	18 0	0	0	---	---	18
19	---	0 B	14 2	2 84	16 4	19 1	19 4	18 0	0	0	---	---	19
20	---	0 B	14 3	2 84	16 5	19 1	19 4	17 9	0	0	---	---	20
21	---	0 B	14 6	3 33	16 3	19 2	19 4	15 9	0	0	---	---	21
22	---	0 B	14 7	5 42	15 7	19 3	19 3	11 4	0	0	---	---	22
23	---	0 B	14 9	6 85	15 9	19 2	19 2	5 80	0	0	---	---	23
24	---	0 B	14 0	7 93	16 3	19 2	19 3	2 23	0	0	---	---	24
25	---	0 B	15 0	7 88	17 3	19 2	19 3	0 055	0	0	---	---	25
26	---	0 B	14 7	7 83	17 7	19 1	19 3	0 009	0	0	---	---	26
27	---	0 B	14 5	7 82	18 5	19 2	19 4	0 004	0	0	---	---	27
28	---	0 B	14 5	8 38	18 5	19 4	19 4	0	0	0	---	---	28
29	---	0 0108	14 3	8 34	18 6	19 5	19 3	0	0	0	---	---	29
30	---		14 2	8 27	18 7	19 4	19 2	0	0	0	---	---	30
31	---		13 8		15 8		18 6	0		0A		---	31
TOTAL	--	0 010	284 30	180 81	310 21	569 9	597 9	399 198	0	0	---	---	TOTAL
MEAN	---	0	9 17	6 03	10 0	19 0	19 3	12 9	0	0	---	---	MEAN
MAX	---	0 010	15 0	13 5	18 6	19 5	19 6	18 5	0	0	---	---	MAX
MIN	---	0	1 39	2 77	2 97	18 4	18 6	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 62
MAXIMUM DAILY, 19 6 ON MAY 31
MINIMUM DAILY, 0 ON AUG 28

SUMMARY FOR THE MONTHS APR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 50 N
LONG 113 22 28 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	51 700
FEB	0 46	AUG	34 500
MAR	24 600	SEP	0
APR	15 600	OCT	0
MAY	26 800	NOV	---
JUN	49 200	DEC	---

TOTAL DISCHARGE, 178 000 dam³

ST MARY RESERVOIR NEAR SPRING COULEE - STATION NO 05AE025

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1097.114	1097.224	1097.653	1098.135	1099.378	1101.023	1102.845	1102.189	1098.717	1093.215	1093.923	1094.886	1
2	1097.118	1097.220	1097.656	1098.174	1099.411	1101.051	1102.862	1102.182	1098.522	1093.060	1093.961	1094.900	2
3	1097.126	1097.224	1097.667	1098.212	1099.406	1101.118	1102.877	1102.124	1098.331	1092.912	1094.025	1094.905	3
4	1097.133	1097.252	1097.684	1098.247	1099.400	1101.149	1102.916	1102.069	1098.157	1092.781	1094.075	1094.914	4
5	1097.157	1097.276	1097.698	1098.285	1099.420	1101.175	1102.953	1102.013	1097.988	1092.648A	1094.126	1094.926	5
6	1097.167	1097.293	1097.727	1098.321	1099.443	1101.180	1102.986	1101.955	1097.786	1092.513E	1094.172	1094.935	6
7	1097.174	1097.312	1097.741	1098.351	1099.504	1101.211	1102.981	1101.880	1097.542	1092.373E	1094.222	1094.956	7
8	1097.181	1097.334	1097.754	1098.377	1099.582	1101.245	1102.959	1101.803	1097.339	1092.229E	1094.268	1094.975	8
9	1097.183	1097.352	1097.768	1098.408	1099.674	1101.314	1102.961	1101.742	1097.132	1092.085E	1094.305	1094.995	9
10	1097.183	1097.372	1097.779	1098.438	1099.724	1101.381	1102.957	1101.669	1096.912	1091.959A	1094.344	1095.010	10
11	1097.178	1097.387	1097.788	1098.469	1099.710	1101.461	1102.956	1101.587	1096.714	1091.862	1094.386	1095.022	11
12	1097.181	1097.401	1097.796	1098.493	1099.722	1101.508	1102.939	1101.479	1096.523	1091.812	1094.414	1095.028	12
13	1097.187	1097.418	1097.800	1098.540	1099.728	1101.550	1102.902	1101.383	1096.337	1091.864	1094.441	1095.037	13
14	1097.195	1097.435	1097.811	1098.598	1099.763	1101.573	1102.886	1101.290	1096.148	1091.894	1094.470	1095.045	14
15	1097.209	1097.447	1097.818	1098.658	1099.790	1101.598	1102.872	1101.198	1095.985	1091.951	1094.497	1095.055	15
16	1097.227	1097.465	1097.830	1098.722	1099.882	1101.636	1102.851	1101.071	1095.797	1092.160	1094.522	1095.063	16
17	1097.227	1097.480	1097.847	1098.752	1099.995	1101.680	1102.840	1100.950	1095.612	1092.384	1094.553	1095.063	17
18	1097.231	1097.488	1097.858	1098.758	1100.086	1101.735	1102.804	1.00.804	1095.418	1092.593	1094.581	1095.064	18
19	1097.230	1097.501	1097.870	1098.775A	1100.171	1101.787	1102.775	1100.644	1095.183	1092.808	1094.611	1095.064	19
20	1097.234	1097.515	1097.880	1098.832E	1100.234	1101.846	1102.723	1100.494	1094.970	1093.012	1094.639	1095.074	20
21	1097.233	1097.535	1097.894	1098.930A	1100.289	1101.921	1102.684	1100.353	1094.771	1093.193	1094.670	1095.079	21
22	1097.232	1097.557	1097.908	1099.022	1100.378	1102.035	1102.620	1100.244	1094.571	1093.360	1094.702	1095.091	22
23	1097.232	1097.569	1097.926	1099.106	1100.485	1102.188	1102.607	1100.131	1094.385	1093.508	1094.723	1095.098	23
24	1097.236	1097.581	1097.945	1099.171	1100.545	1102.333	1102.572	1099.985	1094.228	1093.588	1094.752	1095.105	24
25	1097.237	1097.590	1097.963	1099.216	1100.608	1102.447	1102.536	1099.861	1094.070	1093.680	1094.776	1095.110	25
26	1097.237	1097.604	1097.981	1099.250	1100.677	1102.566	1102.499	1099.733	1093.925	1093.731	1094.798	1095.118	26
27	1097.234	1097.618	1097.999	1099.283	1100.741	1102.631	1102.440	1099.590	1093.787	1093.786	1094.809	1095.126	27
28	1097.237	1097.630	1098.021	1099.318	1100.784	1102.703	1102.381	1099.383	1093.649	1093.821	1094.824	1095.128	28
29	1097.238	1097.646	1098.036	1099.342	1100.861	1102.787	1102.314	1099.219	1093.525	1093.857	1094.847	1095.134	29
30	1027.233		1098.057	1099.358	1100.907	1102.809	1102.263	1099.036	1093.381	1093.884	1094.868	1095.152	30
31	1097.229		1098.097		1100.955		1102.225	1098.864		1093.910		1095.184	31
MEAN	1097.201	1097.439	1097.847	1098.718	1100.040	1101.755	1102.740	1100.868	1095.913	1092.853	1094.477	1095.039	MEAN
MAX	1097.238	1097.646	1098.097	1099.358	1100.955	1102.809	1102.986	1102.189	1098.717	1093.910	1094.868	1095.184	MAX
MIN	1097.114	1097.220	1097.653	1098.135	1099.378	1101.023	1102.225	1098.864	1093.381	1091.812	1093.923	1094.886	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1097.912
MAXIMUM DAILY, 1102.986 ON JUL 6
MINIMUM DAILY, 1091.812 ON OCT 12
MAXIMUM INSTANTANEOUS,
1102.994 AT 17:20 MST ON JUL 11

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY 0.024 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 48 N
LONG 113 06 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
2 290 km²

ST MARY RIVER AT INTERNATIONAL BOUNDARY - STATION NO 05AE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 780	5 240	2 22	2 35	12 2	50 4	45 8	19 1	8 15	11 5	6 230	3.660	1
2	2 680	5 100	3 74	2 27	13 2	47 0	40 0	18 0	7 57	10 5	6 510	3.540	2
3	3 000	5 100	3 40	2 27	13 4	44 2	34 9	17 2	7 17	10 5	7 020	3 400	3
4	2 880	4 950	5 33	2 35	12 4	38 4	33 4	16 0	7 26	10 2	7 17	3 260	4
5	2 720	4 670	5 16	2 46	11 5	35 7	33 1	15 0	6 81	10 0	7 00	3 110	5
6	2 630	4 530	4 64	2 46	11 2	33 7	32 3	14 5	6 89	10 1	6 80	3.110	6
7	3 400	4 260	2 91	2 21	10 8	31 7	30 3	14 3	6 81	10 2	6 80	3.110	7
8	4 250	4 110	3 06	2 12	10 6	31 4	27 7	13 8	6 99	10 0	6 10	3 110	8
9	5 380	4 110	3 11	2 07	11 3	30 8	26 7	14 0	7 27	9 86	6 17	3 110	9
10	6 800	4 110	2 41	2 80	10 7	31 7	25 9	14 2	7 47	9 77	6 09	3 110	10
11	7 360	4 050	2 18	3 75	11 2	31 2	24 5	14 0	7 76	9 77	5 70	3.260	11
12	7 650	3 960	2 32	2 61	12 4	30 0	22 4	13 6	8 54	9 99	5 36	3 400	12
13	8 210	3 820	2 24	3 12	14 0	27 7	21 0	12 6	8 87	10 0	5 91	3 400	13
14	8 500	3 820	2 46	2 85	15 9	27 7	20 3	11 9	9 31	9 86	6 08	3 400	14
15	9 080	3 680	3 85	3 34	19 8	31 7	20 1	11 3	9 86	9 32	6 06	3 400	15
16	8 340	3 620	3 71	3 71	29 6	37 6	20 5	10 9	9 77	9 09	6 08	3.260	16
17	9 080	3 540	2 86	3 85	35.6	42 7	20 8	10 6	9 86	8 86	6 26	3.110	17
18	8 780	3 450	2 84	5 03	30 9	44 4	20 8	10 5	9 21	8 67	5 45	2 970	18
19	8 500	3 340	2 52	7 83	25 7	41 8	20 8	10 0	9 43	8 55	5 35	2.838	19
20	7 930	3 260	2 72	14 5	28 8	38 4	20 5	10 4	9 99	8 47	5 27	2 698	20
21	7 650	3 110	2 72	18 8	30 8	44 1	20 1	12 7	10 9	7 86	5 13	2 558	21
22	6 800	2 970	2 77	18 1	38 5	49 2	19 0	14 8	11 9	7 85	5 04	2.418	22
23	6 230	2 830	2 78	18 1	38 5	47 8	17 8	15 8	13 7	7 37	5 35	2.278	23
24	5 800	3 030	2 82	18 4	38 3	45 8	18 0	15 8	14 5	7 86	5 04	2 278	24
25	5 650	2 830	3 41	18 3	31 8	44 5	18 1	14 9	15 5	7 86	4 59	2 278	25
26	5 520	2 830	2 41	18 0	29 2	44 7	18 9	13 2	15 2	7 84	4 05	2 278	26
27	5 520	2 780	2 86	18 9	28 6	46 7	19 6	11 4	15 8	7 48	3 86	2 278	27
28	5 520	3 060	2 81	19 2	28 0	50 1	20 0	10 0	14 8	6 82	4 58	2.128	28
29	5 520	2 940	2 47	13 5	27 8	51 2	19 6	8 80	13 1	6 81	4 26	2 128	29
30	5 440		2 35	12 3	32 2	49 8	20 0	8 35	12 3	6 518	3 97	2 128	30
31	5 380		2 27		45 7		20 1	7 86		6 238		2 128	31
TOTAL	180 34	109 19	92 94	244 15	704 6	1 204 3	753 1	406 12	303 42	275 34	188 22	89 05	TOTAL
MEAN	5 01	3 77	3 00	8 14	22 7	40 1	24 3	13 1	10 1	8 86	5 61	2 87	MEAN
MAX	9 34	5 24	6 15	18 1	45 7	51 2	45 9	19 1	16 2	11 5	7 17	3 66	MAX
MIN	2 72	2 78	2 .8	2 07	10 6	27 7	17 6	7 86	6 81	6 23	3 86	2 12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12 4
MAXIMUM DAILY, 51 2 ON JUN 29
MINIMUM DAILY, 2 07 ON APR 9
MAXIMUM INSTANTANEOUS,
52 1 AT 13 00 MST ON JUN 29

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 12 N
LONG 113 16 46 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	65 100
FEB	9 430	AUG	35 100
MAR	8 030	SEP	26 200
APR	21 100	OCT	23 800
MAY	60 900	NOV	14 500
JUN	104 000	DEC	7 690

TOTAL DISCHARGE, 392 000 dam³

ST MARY RIVER NEAR LETHBRIDGE - STATION NO 05AE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 500	6 30 B	1 83 B	1 19	1 06	1 76	2 49	4 12	2 68	1 60	0 8008	0 8508	1
2	5 850	7 30 B	1 48 B	1 26	1 11	1 87	2 76	3 46	3 06	1 58	0 7808	0 9008	2
3	6 050	8 00 B	1 25 B	1 23	1 02	1 83	2 70	3 41	2 76	1 50	0 8508	0 9858	3
4	6 000	8 60 B	1 05 B	1 23	0 878	1 81	2 38	3 26	2 71	1 58	1 10 B	0.8888	4
5	5 740	9 50 B	0 8108	1 30	1 07	1 58	2 20	3 04	2 73	1 68	1 20 B	1 00 B	5
6	5 550	2 70 B	0 8308	1 38	1 12	1 86	2 06	2 98	2 93	1 50	1 25 B	1 00 B	6
7	5 350	2 20 B	1 22 B	1 38	1 26	1 90	1 80	2 83	3 12	1 30	1 30 B	1 05 B	7
8	5 100	1 80 B	1 23 B	1 46	1 32	1 83	1 89	2 85	2 82	1 20	1 30 B	1 05 B	8
9	4 850	1 30 B	0 7008	1 48	1 35	2 64	2 19	2 85	2 38	1 43	1 25 B	1 10 B	9
10	4 750	1 05 B	0 9508	1 39	1 16	2 78	2 24	2 89	2 28	1 44	1 26 B	1 10 B	10
11	4 600	0 9958	1 45 B	1 38	1 02	2 31	1 99	2 78	2 10	1 21	1 20 B	1 16 B	11
12	4 500	0 9828	1 90 B	1 19	1 37	1 93	1 80	2 62	1 88	1 11	1 20 B	1 15 B	12
13	4 400	0 9908	1 70 B	1 21	1 23	1 82	1 68	3 20	1 90	1 20	1 15 B	1 15 B	13
14	4 250	0 8493	0 8808	1 05	1 32	1 88	1 78	2 68	1 93	1 08	1 15 B	1 10 B	14
15	4 200	0 8208	0 8808	1 07	1 33	1 85	2 08	2 43	1 88	1 38	1 10 B	1 10 B	15
16	4 050	0 7808	1 00 B	1 04	1 56	1 78	2 08	2 48	1 88	1 45	1 15 B	1 05 B	16
17	4 020	0 7508	1 30 B	1 09	1 85	1 82	2 17	2 63	1 82	1 59	1 25 B	1 00 B	17
18	4 000	0 8408	1 80 B	1 39	1 53	1 78	2 03	2 61	1 54	1 808	1 40 B	0 9008	18
19	4 000	0 8208	0 9808	1 66	1 34	1 55	1 88	2 71	1 44	1 408	1 60 B	0 8008	19
20	4 100	0 8648	0 737	1 74	1 58	1 24	1 81	2 41	1 77	1 108	1 60 B	0 7808	20
21	4 400	0 8808	0 656	1 64	1 47	1 84	1 87	2 34	2 27	1 008	1 88 B	0 7008	21
22	4 900	0 8008	1 43	1 38	1 43	2 73	2 26	2 40	2 50	1 008	1 80 B	0 7008	22
23	5 700	0 8608	1 52	1 30	1 70	2 99	2 59	2 18	2 55	1 058	1 60 B	0 8508	23
24	7 200	0 8508	1 05	1 26	1 81	3 12	2 48	2 08	2 31	1 208	1 60 B	0 8508	24
25	8 170	0 8408	1 23	1 43	2 16	1 83	2 38	2 11	1 81	1 308	1 30 B	0 8508	25
26	8 600	0 8608	1 06	1 47	2 19	1.18	2 43	2 10	1 80	1 608	1 20 B	0 8408	26
27	8 850	0 7208	1 11	1 23	2 54	1 21	2 43	1 81	1 84	2 008	1 10 B	0 8408	27
28	9 000	0 8108	1 08	1 10	2 48	1.38	2 84	2 04	1 98	2 208	B 8008	0 8408	28
29	9 008	1 10 B	1 14	1 07	2 38	1 86	2 88	1 87	1 85	2 388	B 7808	0 8408	29
30	8 808		1 36	1 07	2 13	2.07	3 45	1 87	1 87	1 808	0 8008	0.8408	30
31	8 858		1 13		2 21		4 12	2 08		1 108		0.8408	31
TOTAL	180.53	83 020	38 873	38 08	47 788	55 32	71 80	81 23	64 83	44 89	36.180	27.393	TOTAL
MEAN	5 82	1 83	1 18	1 30	1 54	1 84	2 31	2 62	2 16	1 44	1 21	0.884	MEAN
MAX	9 00	8 30	1 90	1 74	2 54	2.98	4 12	4 12	3 12	2 38	1 66	1.16	MAX
MIN	4 00	0 664	0 680	1 04	0 878	1 18	1 88	1 87	1 44	1 00	0 750	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 02
MAXIMUM DAILY, 9 008 ON JAN 30
MINIMUM DAILY, 0 8640 ON FEB 20

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 24 N
LONG 112 50 36 W
DRAINAGE AREA, 3 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1911

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	6 180
FEB	4 680	AUG	7 020
MAR	3 170	SEP	6 580
APR	3 380	OCT	3 660
MAY	4 130	NOV	3 130
JUN	4 780	DEC	2 370

TOTAL DISCHARGE, 63 800 dam³

STEELE LAKE NEAR JARVIE - STATION NO 07BC005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	656 942	656 982	656 942	656 907	656 917	---	---	1
2	---	---	---	---	---	656 942	---	---	---	---	---	---	2
3	---	---	---	---	---	656 947	656 974	656 937	656 907	656 912	---	---	3
4	---	---	---	656 891	---	656 957	---	---	656 882	---	---	---	4
5	---	---	---	---	---	656 972	656 992	656 937	656 907	656 912	---	---	5
6	---	---	---	---	---	656 982	656 987	---	---	---	---	---	6
7	---	---	---	---	---	656 987	---	656 937	656 912	656 907	---	---	7
8	---	---	---	---	656 926	656 992	656 977	---	---	---	---	---	8
9	---	---	656 901	---	656 926	657 002	---	656 937	656 917	656 874	---	---	9
10	---	---	---	---	---	---	656 977	---	---	---	---	---	10
11	---	---	---	---	656 927	656 997	---	656 932	656 917	656 902	---	---	11
12	---	---	---	---	---	657 012	656 972	---	656 917	---	---	---	12
13	---	---	---	---	656 922	---	---	656 927	---	656 902	---	---	13
14	---	---	---	---	---	657 017	656 967	---	656 917	---	---	---	14
15	---	---	---	---	656 917	---	---	656 922	---	656 897	---	---	15
16	---	---	---	---	---	657 022	656 967	---	656 917	656 897	---	---	16
17	---	---	---	---	656 927	---	---	656 917	---	---	---	---	17
18	---	---	---	---	---	657 032	656 962	---	656 917	656 892	---	---	18
19	---	---	---	---	656 927	---	---	656 912	---	---	---	---	19
20	---	---	---	---	656 927	657 032	656 957	---	656 917	656 892	---	---	20
21	---	---	---	---	656 932	---	---	656 912	---	---	---	---	21
22	---	---	---	---	---	657 027	656 952	---	656 917	656 892	---	---	22
23	---	---	---	---	656 942	---	---	656 907	---	---	---	---	23
24	---	---	---	---	---	657 022	656 952	---	656 917	656 887	---	---	24
25	---	---	---	---	656 947	---	---	656 907	---	---	---	---	25
26	---	---	---	---	---	657 017	656 947	---	656 917	656 887	---	---	26
27	---	---	---	---	656 942	---	---	656 907	656 917	---	---	---	27
28	---	---	---	---	---	657 007	656 947	---	---	656 882	---	---	28
29	---	---	---	---	656 942	---	---	656 907	656 917	---	---	---	29
30	---	---	---	---	---	657 002	656 942	---	---	656 882	---	---	30
31	---		---		656 942		---	656 907	---	---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 38 50 N
LONG 113 47 45 W

NATURAL FLOW

DRAINAGE AREA, 255 km²

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

STEEN RIVER NEAR STEEN RIVER - STATION NO 07DB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0198	0 0068	3 57	0 690	1 85	7 34	3 14	5 23	---	---	1
2	---	---	0 0188	0 0078	3 00	0 587	2 20	6 71	3 51	5 31	---	---	2
3	---	---	0 0178	0 0078	2 39	0 906	5 93	6 25	4 36	5 41	---	---	3
4	---	---	0 0168	0 0088	2 03	0 893	13 2	4 76	5 18	5 66	---	---	4
5	---	---	0 0168	0 0088	1 77	0 702	24 6	4 03	6 01	5 81	---	---	5
6	---	---	0 0158	0 0098	1 59	0 881	33 9	3 41	7 86	5 99	---	---	6
7	---	---	0 0158	0 0108	1 36	0 707	41 9	3 19	9 51	6 10	---	---	7
8	---	---	0 0148	0 0108	1 21	0 793	45 6	3 87	10 6	6 17	---	---	8
9	---	---	0 0148	0 0128	1 10	0 888	45 7	4 81	11 6	6 90	---	---	9
10	---	---	0 0138	0 0158	0 984	0 905	41 7	5 02	13 7	7 17	---	---	10
11	---	---	0 0128	0 0208	0 893	0 881	36 4	5 17	15 7	7 74	---	---	11
12	---	---	0 0118	0 0308	0 826	0 883	36 0	5 38	16 5	8 03	---	---	12
13	---	---	0 0108	0 0708	0 751	1 04	33 4	4 86	16 0	8 04	---	---	13
14	---	---	0 0098	0 1558	0 691	2 20	31 6	3 93	16 0	8 38	---	---	14
15	---	---	0 0088	0 1508	0 627	3 66	30 2	3 83	13 9	8 64	---	---	15
16	---	---	0 0068	0 1438	0 577	3 04	28 6	3 14	12 3	8 68	---	---	16
17	---	---	0 0048	0 8108	0 533	2 10	26 8	2 92	11 3	8 59	---	---	17
18	---	---	0 0028	3 01 B	0 489	1 66	26 0	2 74	10 3	8 36	---	---	18
19	---	---	0 0028	7 37 B	0 464	1 48	26 4	2 69	9 34	7 91	---	---	19
20	---	---	0 0018	7 14 B	0 454	1 71	27 9	2 61	8 60	7 56	---	---	20
21	---	---	0 0018	6 73 B	0 435	1 88	29 2	2 36	7 78	7 41	---	---	21
22	---	---	0 0018	6 81 B	0 412	2 08	29 1	2 23	7 21	8 758	---	---	22
23	---	---	0 0018	6 66 B	0 384	1 98	28 7	2 12	6 78	7 395	---	---	23
24	---	---	0 0018	6 31 B	0 322	2 00	28 0	1 98	6 70	7 978	---	---	24
25	---	---	0 0018	5 73 B	0 293	2 04	22 6	1 88	6 61	8 268	---	---	25
26	---	---	0 0028	5 30 B	0 282	1 98	19 7	1 80	6 29	8 008	---	---	26
27	---	---	0 0028	5 50 B	0 638	1 78	17 3	1 78	6 00	7 858	---	---	27
28	---	---	0 0038	4 94 B	1 27	1 60	14 7	1 82	5 78	7 288	---	---	28
29	---	---	0 0038	3 93	1 24	1 47	12 5	2 03	5 50	8 648	---	---	29
30	---	---	0 0048	3 84	0 841	1 43	10 5	2 16	5 34	9 008	---	---	30
31	---	---	0 0058		0 880		8 85	2 87		4 028		---	31
TOTAL	---	---	0 246	73 740	32 363	44 586	780 73	106 37	288 51	218 07	---	---	TOTAL
MEAN	---	---	0 008	2 46	1 04	1 49	25 2	3 50	9 95	7 03	---	---	MEAN
MAX	---	---	0 019	7 37	3 57	3 66	45 7	7 34	16 5	8 64	---	---	MAX
MIN	---	---	0 001	0 006	0 282	0 587	1 85	1 75	3 14	4 02	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 23
MAXIMUM DAILY, 45 7 ON JUL 8
MINIMUM DAILY, 0 0018 ON MAR 20
MAXIMUM INSTANTANEOUS,
45 9 AT 18 00 MST ON JUL 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 00 N
LONG 113 12 00 W
DRAINAGE AREA, 2 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67 800
FEB	---	AUG	9 380
MAR	21 3	SEP	23 200
APR	6 370	OCT	18 800
MAY	2 800	NOV	---
JUN	3 850	DEC	---

TOTAL DISCHARGE, 132 000 dam³

STEEPBANK RIVER NEAR FORT MCMURRAY - STATION NO. 07DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0808	0.0808	0.2458	0.7608	1.45 B	5.23	6.31	3.79	25.8	5.56	7.258	2.23 B	1
2	0.0878	0.0808	0.2518	1.05 B	1.30 B	11.8	6.58	3.35	25.1	5.59	6.858	2.18 B	2
3	0.0848	0.0928	0.2518	2.01 B	1.35 B	17.6	7.06	2.98	24.7	5.56	6.458	2.13 B	3
4	0.0828	0.1008	0.2518	2.55 B	1.20 B	21.3	7.03	2.67	24.6	5.56	6.108	2.08 B	4
5	0.0808	0.1128	0.2518	2.78 B	1.06 B	22.7	6.61	2.44	23.6	5.51	5.858	2.03 B	5
6	0.0808	0.1288	0.2518	2.54 B	1.14	24.1	6.29	2.34	22.0	5.79	5.558	1.98 B	6
7	0.0808	0.1388	0.2518	2.47 B	0.936	22.4	14.6	2.37	20.2	5.85	5.308	1.92 B	7
8	0.0808	0.1458	0.2518	2.54 B	0.893	20.0	27.4	2.65	18.5	5.53	5.058	1.85 B	8
9	0.0808	0.1508	0.2518	2.72 B	0.826	17.6	31.2	7.77	17.1	5.48	4.908	1.78 B	9
10	0.0808	0.1608	0.2518	2.92 B	0.787	15.1	33.5	11.2	16.3	5.37	4.738	1.71 B	10
11	0.0808	0.1808	0.2518	3.20 B	0.773	13.2	34.3	13.3	15.9	5.30	4.458	1.63 B	11
12	0.0808	0.1808	0.2518	3.48 B	0.785	11.3	27.6	14.4	14.7	5.57	4.258	1.55 B	12
13	0.0808	0.1808	0.2518	3.75 B	0.822	9.64	23.6	15.1	13.5	7.04	4.058	1.50 B	13
14	0.0808	0.1808	0.2518	4.12 B	0.832	8.65	22.7	18.2	12.6	9.37	3.908	1.45 B	14
15	0.0808	0.1808	0.2518	4.35 B	0.976	7.79	23.3	18.9	11.7	10.5	3.758	1.40 B	15
16	0.0808	0.1808	0.2518	4.50 B	1.85	7.01	23.1	19.2	10.7	11.2	3.608	1.35 B	16
17	0.0808	0.1808	0.2518	4.50 B	1.43	6.73	21.5	17.7	9.98	11.7	3.458	1.30 B	17
18	0.0808	0.1808	0.2518	4.25 B	2.08	7.27	19.4	15.8	9.30	14.0	3.308	1.25 B	18
19	0.0808	0.1808	0.2588	4.10 B	2.89	7.22	16.5	13.7	8.75	17.7	3.158	1.20 B	19
20	0.0808	0.1828	0.2858	3.80 B	3.14	8.04	13.7	12.9	8.12	19.9	3.058	1.15 B	20
21	0.0808	0.1858	0.2728	3.80 B	3.75	9.67	12.1	11.9	7.64	21.2	2.958	1.10 B	21
22	0.0808	0.1758	0.2788	3.50 B	4.37	8.97	11.3	10.6	7.32	22.2	2.858	1.05 B	22
23	0.0808	0.1848	0.2868	3.20 B	4.52	8.21	10.5	9.60	7.00	21.4	2.758	1.00 B	23
24	0.0808	0.1928	0.2978	2.90 B	4.50	7.47	9.44	8.71	6.78	18.0 B	2.678	0.9508	24
25	0.0808	0.2008	0.3118	2.60 B	4.62	6.77	8.39	7.85	6.52	13.1 B	2.598	0.9208	25
26	0.0808	0.2088	0.3308	2.30 B	4.62	6.34	7.49	7.20	6.30	12.0 B	2.518	0.8908	26
27	0.0808	0.2208	0.3528	2.10 B	3.72	6.10	6.67	6.60	6.14	10.5 B	2.448	0.8608	27
28	0.0808	0.2328	0.3808	1.90 B	3.47	5.78	6.03	7.59	5.95	9.608	2.388	0.8408	28
29	0.0808	0.2388	0.4158	1.75 B	3.23	5.36	5.45	13.7	5.81	8.858	2.338	0.8208	29
30	0.0808		0.4708	1.60 B	3.01	5.68	4.85	21.1	5.63	8.258	2.288	0.8108	30
31	0.0808		0.5408		2.87		4.23	24.8		8.83		0.8008	31
TOTAL	2.503	4.802	8.867	88.080	68.722	335.14	450.08	332.21	398.24	318.25	120.73	43.720	TOTAL
MEAN	0.081	0.159	0.288	2.84	2.22	11.2	14.8	10.7	13.3	10.3	4.02	1.41	MEAN
MAX	0.090	0.239	0.540	4.50	4.62	24.1	34.3	24.8	25.8	22.2	7.25	2.23	MAX
MIN	0.080	0.080	0.245	0.760	0.773	5.23	4.23	2.34	5.63	5.30	2.28	0.800	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.96
MAXIMUM DAILY, 34.3 ON JUL 11
MINIMUM DAILY, 0.0808 ON JAN 5
MAXIMUM INSTANTANEOUS,
37.8 AT 16.12 MST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 57 00 14 N
LONG 111 24 53 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	216	JUL	38 700
FEB	398	AUG	28 700
MAR	775	SEP	34 400
APR	7 610	OCT	27 500
MAY	5 940	NOV	10 400
JUN	29 000	DEC	3 780

TOTAL DISCHARGE, 188 000 dam³

STIMSON CREEK NEAR PEKISKO - STATION NO. 05BL007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0988	0.1658	0.086	0.084	0.011	0	0	0	---	---	1
2	---	---	0.1068	0.1508	0.082	0.054	0.001	0	0	0	---	---	2
3	---	---	0.1058	0.1558	0.083	0.048	0	0	0	0	---	---	3
4	---	---	0.0948	0.1708	0.082	0.041	0	0	0	0	---	---	4
5	---	---	0.0858	0.2048	0.086	0.046	0	0	0	0	---	---	5
6	---	---	0.0858	0.2488	0.093	0.046	0	0	0	0	---	---	6
7	---	---	0.0958	0.2188	0.109	0.042	0	0	0	0	---	---	7
8	---	---	0.0858	0.1898	0.128	0.065	0	0	0	0	---	---	8
9	---	---	0.0848	0.1298	0.129	0.147	0	0	0	0	---	---	9
10	---	---	0.0978	0.1208	0.115	0.247	0	0	0	0	---	---	10
11	---	---	0.0858	0.1408	0.101	0.217	0	0	0	0	---	---	11
12	---	---	0.0608	0.138	0.095	0.153	0	0	0	0	---	---	12
13	---	---	0.0478	0.117	0.088	0.121	0	0	0	0	---	---	13
14	---	---	0.0328	0.107	0.078	0.082	0	0	0	0	---	---	14
15	---	---	0.0188	0.096	0.075	0.077	0	0	0	0	---	---	15
16	---	---	0.0188	0.088	0.080	0.077	0	0	0	0	---	---	16
17	---	---	0.0318	0.112	0.270	0.081	0	0	0	0	---	---	17
18	---	---	0.0288	0.130	0.204	0.081	0.018	0	0	0	---	---	18
19	---	---	0.0388	0.187	0.188	0.080	0.045	0	0	0	---	---	19
20	---	---	0.0388	0.193	0.132	0.048	0.022	0	0	0	---	---	20
21	---	---	0.1208	0.207	0.109	0.045	0.012	0	0	0	---	---	21
22	---	---	0.3008	0.208	0.084	0.081	0.002	0	0	0	---	---	22
23	---	---	0.4508	0.158	0.080	0.187	0	0	0	0	---	---	23
24	---	---	0.5428	0.138	0.075	0.158	0	0	0	0	---	---	24
25	---	---	0.5608	0.124	0.079	0.108	0	0	0	0	---	---	25
26	---	---	0.4248	0.118	0.081	0.080	0	0	0	0	---	---	26
27	---	---	0.3508	0.110	0.088	0.084	0	0	0	0	---	---	27
28	---	---	0.2808	0.108	0.101	0.048	0	0	0	0	---	---	28
29	---	0.0778	0.1948	0.107	0.102	0.039	0	0	0	0	---	---	29
30	---		0.1708	0.100	0.090	0.023	0	0	0	0	---	---	30
31	---		0.1608		0.075		0			0		---	31
TOTAL	---	---	5.082	4.389	3.273	2.536	0.109	0	0	0	---	---	TOTAL
MEAN	---	---	0.163	0.146	0.106	0.085	0.004	0	0	0	---	---	MEAN
MAX	---	---	0.560	0.248	0.270	0.247	0.045	0	0	0	---	---	MAX
MIN	---	---	0.016	0.096	0.075	0.023	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 0.560 ON MAR 25
MINIMUM DAILY, 0 ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 50 25 50 N
LONG 114 09 55 W
DRAINAGE AREA, 283 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.42
FEB	---	AUG	0
MAR	436	SEP	0
APR	378	OCT	0
MAY	283	NOV	---
JUN	219	DEC	---

TOTAL DISCHARGE, 1 330 dam³

STIRLING LAKE OUTFLOW NEAR STIRLING - STATION NO. 05AF029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0288	0.066	0.051	0.773	1.12	3.38	1.15	0.186	---	---	1
2	---	---	0.0288	0.086	0.081	0.771	1.13	2.08	M.18	0.406	---	---	2
3	---	---	0.0288	0.082	0.138	0.778	1.35	0.982	1.31	0.813	---	---	3
4	---	---	0.0288	0.080	0.170	1.03	1.16	0.748	1.12	0.869	---	---	4
5	---	---	0.0288	0.096	0.193	0.910	1.34	1.13	0.738	0.929	---	---	5
6	---	---	0.0248	0.050	0.209	1.08	1.58	1.87	0.683	1.02	---	---	6
7	---	---	0.0248	0.048	0.211	0.884	1.49	1.82	1.02	1.31	---	---	7
8	---	---	0.0238	0.042	0.211	1.08	1.35	1.27	0.893	1.34	---	---	8
9	---	---	0.0238	0.040	0.201	1.59	1.36	1.05	0.756	0.945	---	---	9
10	---	---	0.0238	0.085	0.182	1.54	0.857	0.815	0.984	0.805	---	---	10
11	---	---	0.0248	0.088	0.180	1.73	1.11	0.991	1.09	0.810	---	---	11
12	---	---	0.0268	0.077	0.118	1.57	1.15	1.36	0.986	0.479	---	---	12
13	---	---	0.0298	0.086	0.058	1.25	0.851	1.81	0.677	0.175	---	---	13
14	---	---	0.0348	0.081	0.051	1.10	0.405	2.04	0.561	0.073	---	---	14
15	---	---	0.0418	0.087	0.175	1.08	0.749	1.74	0.498	0.052	---	---	15
16	---	---	0.0488	0.082	0.549	1.13	1.05	1.29	0.456	0.135	---	---	16
17	---	---	0.0538	0.078	0.868	1.13	0.454	1.09	0.442	0.195	---	---	17
18	---	---	0.0588	0.065	0.837	1.20	0.340	1.06	0.439	0.1408	---	---	18
19	---	---	0.0628	0.065	0.815	1.02	0.415	1.01	0.382	0.1008	---	---	19
20	---	---	0.0688	0.085	0.789	1.38	0.812	0.838	0.428	0.0548	---	---	20
21	---	---	0.0708	0.087	0.858	2.18	0.716	0.810	0.658	0.0318	---	---	21
22	---	---	0.137	0.081	0.808	3.30	1.65	0.833	0.824	0.0278	---	---	22
23	---	---	0.118	0.052	2.877	2.23	1.88	0.834	0.878	0.0358	---	---	23
24	---	---	0.088	0.041	0.728	2.01	1.43	1.17	0.809	0.0438	---	---	24
25	---	---	0.091	0.045	0.841	1.88	1.60	1.27	0.575	0.0818	---	---	25
26	---	---	0.091	0.080	1.02	1.08	1.54	1.12	0.509	0.0828	---	---	26
27	---	0.0218	0.090	0.081	1.28	1.05	1.45	1.15	0.484	0.1238	---	---	27
28	---	0.0238	0.080	0.081	1.25	1.27	2.80	0.788	0.332	0.2218	---	---	28
29	---	0.0248	0.077	0.088	0.890	1.40	3.05	0.702	0.329	0.0948	---	---	29
30	---	---	0.075	0.083	0.788	1.20	3.71	0.989	0.215	0.4898	---	---	30
31	---	---	0.074		0.716		3.82	0.567		0.4008		---	31
TOTAL	---	---	1.885	1.848	15.183	40.586	43.199	38.125	20.986	12.442	---	---	TOTAL
MEAN	---	---	0.064	0.062	0.489	1.35	1.39	1.23	0.899	0.401	---	---	MEAN
MAX	---	---	0.137	0.091	1.28	3.30	3.82	3.38	1.31	1.34	---	---	MAX
MIN	---	---	0.023	0.040	0.051	0.771	0.340	0.567	0.215	0.027	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.710
MAXIMUM DAILY, 3.82 ON JUL 31
MINIMUM DAILY, 0.0238 ON MAR 8
MAXIMUM INSTANTANEOUS,
3.98 AT 19:10 MST ON JUL 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 50 N
LONG 112 30 29 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 730
FEB	---	AUG	3 290
MAR	148	SEP	1 810
APR	160	OCT	1 070
MAY	1 310	NOV	---
JUN	3 510	DEC	---

TOTAL DISCHARGE, 15 000 dam³

STONY CREEK NEAR TAWATINAW - STATION NO 07BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0338	0.1888	0.001	0.384	0.010E	0.001	0.001E	0.035E	0.0848	---	1
2	---	---	0.0338	0.1748	0.001	0.598	0.006E	0.001E	0.001E	0.030E	0.0828	---	2
3	---	---	0.0338	0.1608	0.002	0.517	0.002E	0.002	0.001E	0.027E	0.0788	---	3
4	---	---	0.0338	0.1438	0.003	0.356	0.001A	0.002	0.001E	0.025E	0.0728	---	4
5	---	---	0.0338	0.1858	0.003	0.282	0.007	0.001	0.002A	0.023E	0.0718	---	5
6	---	---	0.0338	0.2008	0.002	0.282	0.101	0.004	0.016E	0.021E	0.0708	---	6
7	---	---	0.0338	0.2508	0.004	0.600	0.065	0.004	0.026E	0.019E	0.0698	---	7
8	---	---	0.0338	0.2938	0.005	1.17	0.029	0.003	0.033E	0.017E	0.0578	---	8
9	---	---	0.0338	0.205	0.006	1.02	0.036	0	0.041E	0.016E	---	---	9
10	---	---	0.0348	0.148	0.006	0.805	0.029	0.001E	0.063E	0.015A	---	---	10
11	---	---	0.0358	0.112	0.006	0.585A	0.032	0.001E	0.042E	0.010	---	---	11
12	---	---	0.0358	0.084	0.007	0.420E	0.006	0.001E	0.046E	0.016	---	---	12
13	---	---	0.0368	0.038	0.007	0.350E	0.021	0.001E	0.050E	0.022	---	---	13
14	---	---	0.0368	0.028	0.008	0.280E	0.030	0.006	0.056E	0.032	---	---	14
15	---	---	0.0378	0.021	0.009	0.220E	0.027	0.010	0.058E	0.019	---	---	15
16	---	---	0.0378	0.027	0.015	0.190E	0.009	0.003	0.058E	0.016	---	---	16
17	---	---	0.0388	0.044	0.013	0.150E	0.005	0.001	0.050E	0.0458	---	---	17
18	---	---	0.0388	0.034	0.015	0.120E	0.005	0.001E	0.044E	0.1328	---	---	18
19	---	---	0.0398	0.014	0.018	0.090E	0.009	0.001E	0.033E	0.1638	---	---	19
20	---	---	0.0398	0.005	0.020	0.078E	0.009	0.001E	0.029E	0.1418	---	---	20
21	---	---	0.0408	0.008	0.018	0.084E	0.174	0.001E	0.026E	0.1238	---	---	21
22	---	---	0.0418	0.008	0.045	0.070E	0.148	0.001E	0.024E	0.1138	---	---	22
23	---	---	0.0458	0.005	0.088	0.055E	0.034	0.001E	0.022E	0.1118	---	---	23
24	---	---	0.0558	0.008	0.142	0.048E	0.013	0.001E	0.021E	0.1208	---	---	24
25	---	---	0.0708	0.011	0.230	0.040E	0.004	0.001E	0.020E	0.1308	---	---	25
26	---	---	0.2748	0.005	0.280	0.035E	0.002	0.001E	0.023E	0.1178	---	---	26
27	---	---	0.2508	0.004	0.193	0.029E	0.003	0.001E	0.027E	0.1058	---	---	27
28	---	---	0.2108	0.003	0.141	0.024E	0.001	0.001E	0.032E	0.0988	---	---	28
29	---	---	0.1808	0.002	0.092	0.021E	0.001E	0.001E	0.037E	0.0958	---	---	29
30	---	---	0.1608	0.001	0.088	0.015E	0.001	0.001E	0.038E	0.0928	---	---	30
31	---	---	0.1758		0.228		0.001	0.001E		0.0888		---	31
TOTAL	---	---	2.301	2.389	1.872	8.927	0.821	0.056	0.899	2.004	---	---	TOTAL
MEAN	---	---	0.071	0.080	0.054	0.298	0.026	0.002	0.030	0.065	---	---	MEAN
MAX	---	---	0.274	0.293	0.230	1.17	0.174	0.010	0.058	0.183	---	---	MAX
MIN	---	---	0.033	0.001	0.001	0.015	0.001	0	0.001	0.010	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.077
MAXIMUM DAILY, 1.17 ON JUN 8
MINIMUM DAILY, 0 ON AUG 9
MAXIMUM INSTANTANEOUS,
1.55 AT 14:40 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 35 N
LONG 113 27 45 W
DRAINAGE AREA, 126 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	70.9
FEB	---	AUG	4.84
MAR	190	SEP	77.7
APR	206	OCT	173
MAY	144	NOV	---
JUN	771	DEC	---

TOTAL DISCHARGE, 1 640 dam³

STRAWBERRY CREEK NEAR THE MOUTH - STATION NO. 05DF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.033B	1.70 B	0.380	1.25	0.037	0.004	0.003	0.816	---	---	1
2	---	---	0.033B	1.50 B	0.348	1.20	0.028	0.004	0.003	0.886	---	---	2
3	---	---	0.033B	1.30 B	0.359	1.00	0.025	0.004	0.003	0.889	---	---	3
4	---	---	0.033B	1.20 B	0.512	0.900	0.020	0.004	0.003	0.880	---	---	4
5	---	---	0.033B	1.10 B	0.558	0.820	0.025	0.004	0.003	0.870	---	---	5
6	---	---	0.033B	1.10 B	1.23	1.10	0.020	0.004	0.087	0.840	---	---	6
7	---	---	0.033B	0.700B	1.29	3.49	0.020	0.004	0.800	0.500	---	---	7
8	---	---	0.033B	0.500B	1.11	5.29	0.020	0.004	0.820	0.480	---	---	8
9	---	---	0.033B	0.320B	0.891	6.88	0.020	0.004	0.820	0.480	---	---	9
10	---	---	0.033B	0.300B	0.544	4.64	0.020	0.004	0.780	0.460	---	---	10
11	---	---	0.033B	0.270B	0.500	3.08	0.022	0.004	0.740	0.420	---	---	11
12	---	---	0.033B	0.270B	0.480	2.08	0.025	0.004	0.620	0.410	---	---	12
13	---	---	0.033B	0.300B	0.460	2.21	0.030	0.004	0.520	0.400	---	---	13
14	---	---	0.033B	0.300B	0.430	1.50	0.035	0.004	0.470	0.395	---	---	14
15	---	---	0.033B	0.320B	0.370	1.00	0.040	0.004	0.410	0.390	---	---	15
16	---	---	0.046B	0.377	0.671	0.650	0.037	0.003	0.350	0.3868	---	---	16
17	---	---	0.060B	0.333	1.59	0.382	0.034	0.003	0.286	0.3828	---	---	17
18	---	---	0.073B	0.380	1.70	0.298	0.032	0.003	0.230	0.3788	---	---	18
19	---	---	0.087B	0.315	1.17	0.240	0.029	0.003	0.220	0.3748	---	---	19
20	---	---	0.100B	0.313	0.657	0.219	0.026	0.003	0.229	0.3708	---	---	20
21	---	---	0.150B	0.321	0.580	0.180	0.023	0.003	0.750	0.3688	---	---	21
22	---	---	1.00 B	0.342	0.460	0.120	0.021	0.003	1.02	0.3868	---	---	22
23	---	---	3.65 B	0.324	0.440	0.070	0.020	0.003	1.30	0.3648	---	---	23
24	---	---	5.25 B	0.368	0.440	0.073	0.019	0.003	1.23	0.3628	---	---	24
25	---	---	5.81 B	0.383	0.458	0.072	0.018	0.003	1.04	0.3608	---	---	25
26	---	---	4.67 B	0.381	0.508	0.072	0.015	0.003	1.00	0.3588	---	---	26
27	---	---	3.00 B	0.331	0.901	0.058	0.010	0.003	0.886	0.3558	---	---	27
28	---	0.033B	2.40 B	0.330	0.841	0.048	0.008	0.002	0.854	0.3528	---	---	28
29	---	0.033B	2.38 B	0.310	0.748	0.048	0.007	0.003	0.746	0.3498	---	---	29
30	---		1.90 B	0.337	0.695	0.042	0.005	0.003	0.825	0.3478	---	---	30
31	---		1.90 B		1.10		0.004	0.003		0.3428		---	31
TOTAL	---	---	34.071	16.325	22.601	38.122	0.696	0.108	17.013	14.189	---	---	TOTAL
MEAN	---	---	1.10	0.544	0.729	1.30	0.022	0.003	0.567	0.458	---	---	MEAN
MAX	---	---	5.25	1.70	1.70	6.88	0.040	0.004	1.30	0.916	---	---	MAX
MIN	---	---	0.033	0.270	0.348	0.042	0.004	0.003	0.003	0.342	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.588
MAXIMUM DAILY, 5.86 ON JUN 9
MINIMUM DAILY, 0.003 ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 16 41 N
LONG 114 03 02 W
DRAINAGE AREA, 584 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	60.1
FEB	---	AUG	9.33
MAR	2 940	SEP	1 470
APR	1 410	OCT	1 230
MAY	1 950	NOV	---
JUN	3 380	DEC	---

TOTAL DISCHARGE, 12 400 dam³

STREETER CREEK (MAIN STEM) NEAR NANTON - STATION NO. 05AB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0048	0.001	0.002	0	0	0	0	---	---	1
2	---	---	0 B	0.0058	0.001	0.002	0	0	0	0	---	---	2
3	---	---	0 B	0.0058	0.001	0.001	0	0	0	0	---	---	3
4	---	---	0.001B	0.0058	0.001	0.002	0.001	0	0	0	---	---	4
5	---	---	0.001B	0.0058	0.002	0.004	0.001	0	0	0	---	---	5
6	---	---	0.001B	0.0058	0.002	0.003	0	0	0	0	---	---	6
7	---	---	0.001B	0.0058	0.002	0.002	0	0	0	0	---	---	7
8	---	---	0.001B	0.0058	0.001	0.004	0	0	0	0	---	---	8
9	---	---	0.001B	0.0058	0.001	0.004	0	0	0	0	---	---	9
10	---	---	0.001B	0.0058	0.001	0.003	0	0	0	0	---	---	10
11	---	---	0.001B	0.0058	0.001	0.002	0	0	0	0	---	---	11
12	---	---	0.001B	0.0058	0.001	0.002	0	0	0	0	---	---	12
13	---	---	0.001B	0.0058	0.001	0.001	0	0	0	0	---	---	13
14	---	---	0.001B	0.0058	0.002	0.001	0	0	0	0	---	---	14
15	---	---	0.001B	0.0058	0.002	0.002	0	0	0	0	---	---	15
16	---	---	0.002B	0.0028	0.004	0.001	0	0	0	0	---	---	16
17	---	---	0.002B	0.002	0.002	0.001	0	0	0	0	---	---	17
18	---	---	0.002B	0.002	0.002	0.001	0	0	0	0	---	---	18
19	---	---	0.002B	0.005	0.002	0.001	0	0	0	0	---	---	19
20	---	---	0.002B	0.004	0.002	0.001	0	0	0	0	---	---	20
21	---	---	0.002B	0.003	0.002	0.002	0	0	0	0	---	---	21
22	---	---	0.002B	0.002	0.002	0.004	0	0	0	0	---	---	22
23	---	---	0.003B	0.002	0.002	0.002	0	0	0	0	---	---	23
24	---	---	0.003B	0.002	0.002	0.001	0	0	0	0	---	---	24
25	---	---	0.003B	0.002	0.002	0.001	0	0	0	0	---	---	25
26	---	---	0.002B	0.002	0.003	0.001	0	0	0	0	---	---	26
27	---	---	0.003B	0.002	0.003	0.001	0	0	0	0	---	---	27
28	---	---	0.003B	0.002	0.002	0.001	0	0	0	0	---	---	28
29	---	0B	0.003B	0.002	0.001	0.001	0	0	0	0	---	---	29
30	---		0.003B	0.002	0.001	0	0.001	0	0	0	---	---	30
31	---		0.003B		0.001		0	0		0		---	31
TOTAL	---	---	0.053	0.110	0.053	0.053	0.003	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.004	0.002	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.003	0.005	0.004	0.004	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.0058 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.008 AT 03:11 MST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 24 N
LONG 114 03 20 W
DRAINAGE AREA, 5.98 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	0
MAR	4.58	SEP	0
APR	8.50	OCT	0
MAY	4.58	NOV	---
JUN	4.58	DEC	---

TOTAL DISCHARGE, 23.5 dam³

STRETTON CREEK NEAR MARWAYNE - STATION NO 05EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.36 B	0.013	0.003	0.005	0	0	0	0	---	1
2	---	---	0 B	2.03 B	0.011	0.002	0.004	0	0	0	0	---	2
3	---	---	0 B	2.32 B	0.008	0.002	0.003	0	0	0	0	---	3
4	---	---	0 B	2.27 B	0.006	0.001	0.003	0	0	0	0	---	4
5	---	---	0 B	1.55	0.005	0.001	0.002	0	0	0	0	---	5
6	---	---	0 B	0.984	0.004	0.001	0.002	0	0	0	0	---	6
7	---	---	0 B	0.648	0.003	0.003	0.003	0	0	0	0A	---	7
8	---	---	0 B	0.419	0.002	0.006	0.002	0	0	0	---	---	8
9	---	---	0 B	0.255	0.001	0.012	0.001	0	0	0	---	---	9
10	---	---	0 B	0.116	0	0.010	0.001	0	0	0	---	---	10
11	---	---	0 B	0.081	0	0.008	0	0	0	0	---	---	11
12	---	---	0 B	0.081	0	0.008	0	0	0	0	---	---	12
13	---	---	0 B	0.066	0	0.010	0	0	0	0	---	---	13
14	---	---	0 B	0.063	0	0.011	0	0	0	0	---	---	14
15	---	---	0 B	0.071	0	0.012	0	0	0	0	---	---	15
16	---	---	0 B	0.063	0	0.013	0	0	0	0	---	---	16
17	---	---	0 B	0.050	0	0.014	0	0	0	0	---	---	17
18	---	---	0 B	0.050	0.002	0.013	0	0	0	0	---	---	18
19	---	---	0 B	0.048	0.002	0.013	0	0	0	0	---	---	19
20	---	---	0 B	0.045	0.003	0.013	0	0	0	0	---	---	20
21	---	---	0 B	0.041	0.003	0.013	0	0	0	0	---	---	21
22	---	---	0 B	0.040	0.003	0.012	0	0	0	0	---	---	22
23	---	---	0 B	0.039	0.003	0.011	0	0	0	0	---	---	23
24	---	---	0.0038 B	0.038	0.004	0.010	0	0	0	0	---	---	24
25	---	---	0.3108 B	0.035	0.004	0.010	0	0	0	0	---	---	25
26	---	---	0.7248 B	0.029	0.003	0.009	0	0	0	0	---	---	26
27	---	---	0.6798 B	0.026	0.003	0.008	0	0	0	0	---	---	27
28	---	---	1.24 B	0.022	0.003	0.007	0	0	0	0	---	---	28
29	---	---	2.71 B	0.018	0.003	0.006	0	0	0	0	---	---	29
30	---	---	4.40 B	0.015	0.002	0.005	0	0	0	0	---	---	30
31	---		3.87 B		0.002		0	0		0		---	31
TOTAL	---	---	13.936	13.871	0.093	0.250	0.026	0	0	0	---	---	TOTAL
MEAN	---	---	0.450	0.462	0.003	0.008	0.001	0	0	0	---	---	MEAN
MAX	---	---	4.40	2.36	0.013	0.014	0.005	0	0	0	---	---	MAX
MIN	---	---	0	0.015	0	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.115
MAXIMUM DAILY, 4.408 ON MAR 30
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 13 N
LONG 110 19 31 W

DRAINAGE AREA, 82.1 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.25
FEB	---	AUG	0
MAR	1.200	SEP	0
APR	1.200	OCT	0
MAY	8.04	NOV	---
JUN	21.6	DEC	---

TOTAL DISCHARGE, 2.430 dam³

STURGEON LAKE AT WILLIAMSON PARK - STATION NO 07GH003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	676.901	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	677.268	676.881	676.852	676.802	---	---	2
3	---	---	---	---	676.897	677.355	---	676.880	---	---	---	---	3
4	---	---	---	676.813	---	---	677.233	---	676.852	676.801	---	---	4
5	---	---	---	---	676.896	677.350	---	676.877	---	---	---	---	5
6	---	---	676.799	---	676.895	---	677.233	---	676.852	676.805	---	---	6
7	---	---	---	---	---	---	---	676.876	---	---	---	---	7
8	---	---	---	---	676.907	---	---	---	676.853	---	---	---	8
9	---	---	---	---	---	677.390	677.183	676.874	676.853	---	---	---	9
10	---	---	---	676.821	676.913	---	677.163	676.872	---	---	---	---	10
11	---	---	---	---	---	677.360	---	---	676.850	676.793	---	---	11
12	---	---	---	---	---	---	677.158	676.851	676.849	676.792	---	---	12
13	---	---	---	---	676.942	677.367	---	676.862	---	676.787	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	677.357	677.155	676.865	676.848	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	676.815	677.092	677.355	---	---	676.844	---	---	---	17
18	---	---	---	---	---	---	677.085	---	676.844	---	---	---	18
19	---	---	---	---	---	677.358	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	676.852	---	676.808	---	---	20
21	---	---	---	---	677.218	677.356	---	---	676.832	---	---	---	21
22	---	---	---	---	---	---	---	676.848	676.832	676.807	---	---	22
23	---	---	---	---	677.288	---	---	676.846	---	---	---	---	23
24	---	---	---	---	---	---	676.941	---	---	676.787	---	---	24
25	---	---	---	---	677.350	677.305	---	---	676.812	---	---	---	25
26	---	---	---	---	---	677.293	676.939	---	---	---	---	---	26
27	---	---	---	---	677.360	677.305	---	676.824	676.809	---	---	---	27
28	---	---	---	---	677.380	---	676.935	676.819	---	---	---	---	28
29	---	---	---	---	---	---	---	---	676.803	---	---	---	29
30	---	---	676.821	---	677.365	677.306	---	---	---	---	---	---	30
31	---		---		---		676.923	---		676.853		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 05 00 N
LONG 117 33 30 W

NATURAL FLOW

DRAINAGE AREA, 642 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

STURGEON RIVER AT ST. ALBERT - STATION NO. 05EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.126B	4.68B	1.23 E	1.89	0.513	0.122	0.064	0.375	0.481B	---	1
2	---	---	0.128B	4.81B	1.10 E	1.15	0.411	0.109	0.059	0.385	---	---	2
3	---	---	0.126B	5.10B	1.10 E	0.858	0.353	0.098	0.058	0.374	---	---	3
4	---	---	0.126B	5.29B	1.05 E	0.424	0.306	0.085	0.059	0.361	---	---	4
5	---	---	0.126B	5.25A	0.960E	0.402	0.570	0.091	0.056	0.376	---	---	5
6	---	---	0.120B	5.23	0.880E	0.876	0.823	0.103	0.341	0.363	---	---	6
7	---	---	0.120B	5.13	0.800E	0.771	0.422	0.157	1.62	0.374	---	---	7
8	---	---	0.120B	4.89	0.940E	0.800	0.317	0.107	0.408	0.373	---	---	8
9	---	---	0.120B	4.67	1.12 A	0.756	0.276	0.086	0.289	0.367	---	---	9
10	---	---	0.120B	4.46	1.04	1.15	0.245	0.081	0.445	0.352	---	---	10
11	---	---	0.110B	4.36	1.06	1.25	0.262	0.078	0.189	0.358	---	---	11
12	---	---	0.110B	4.15	0.783	1.58	0.297	0.075	0.157	0.387	---	---	12
13	---	---	0.110B	3.85	0.807	1.66	0.418	0.078	0.189	0.424	---	---	13
14	---	---	0.110B	3.76	0.713	1.55	0.278	0.082	0.194	0.579	---	---	14
15	---	---	0.110B	3.61	0.983	1.42	0.234	0.138	0.177	0.600	---	---	15
16	---	---	0.200B	3.24	1.23	1.35	0.210	0.087	0.178	0.515B	---	---	16
17	---	---	0.300B	3.08	1.84	1.27	0.198	0.076	0.186	0.465B	---	---	17
18	---	---	0.400B	2.63	1.54	1.01	0.211	0.078	0.203	0.478B	---	---	18
19	---	---	0.450B	2.65	1.17	0.894	0.283	0.081	0.218	0.515B	---	---	19
20	---	---	0.470B	2.59	1.38	0.847	0.220	0.124	0.254	0.480B	---	---	20
21	---	---	0.500B	2.40	1.73	1.00	0.196	0.108	0.480	0.455B	---	---	21
22	---	---	0.580B	2.35	1.25	0.951	0.185	0.080	0.524	0.515B	---	---	22
23	---	---	0.620B	2.14	0.785	0.816	0.178	0.070	0.365	0.528B	---	---	23
24	---	---	0.680B	2.02	0.909	0.724	0.171	0.085	0.345	0.525B	---	---	24
25	---	---	0.720B	1.42A	0.987	0.736	0.161	0.088	0.348	0.530B	---	---	25
26	---	---	1.18 B	1.35E	0.943	0.659	0.154	0.080	0.352	0.455B	---	---	26
27	---	---	1.84 B	1.40E	1.00	0.841	0.148	0.058	0.382	0.515B	---	---	27
28	---	---	1.84 B	1.25E	0.980	0.465	0.141	0.058	0.377	0.475B	---	---	28
29	---	---	2.27 B	1.23E	0.829	0.430	0.137	0.059	0.378	0.460B	---	---	29
30	---		3.11 B	1.21E	0.729	0.573	0.134	0.061	0.377	0.495B	---	---	30
31	---		3.83 B		1.41		0.131	0.058		0.490B		---	31
TOTAL	---	---	20 670	100 39	33 338	28 831	8 565	2 889	8 880	13 941	---	---	TOTAL
MEAN	---	---	0.667	3.35	1.08	0.954	0.276	0.097	0.289	0.450	---	---	MEAN
MAX	---	---	3.83	5.29	1.84	1.58	0.823	0.157	1.62	0.600	---	---	MAX
MIN	---	---	0.110	1.21	0.713	0.402	0.131	0.058	0.058	0.352	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 5.29B ON APR 4
MINIMUM DAILY, 0.058 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 05 N
LONG 113 37 33 W
DRAINAGE AREA, 2 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	740
FEB	---	AUG	232
MAR	1 790	SEP	748
APR	8 670	OCT	1 200
MAY	2 880	NOV	---
JUN	2 470	DEC	---

TOTAL DISCHARGE, 18 700 dam³

STURGEON RIVER NEAR FORT SASKATCHEWAN - STATION NO. 05EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.170B	3.37B	1.25	1.29	0.566	0.030	0.089	0.332	---	---	1
2	---	---	0.170B	4.45B	1.33	1.87	0.455	0.030	0.078	0.342	---	---	2
3	---	---	0.170B	7.67B	1.34	2.14	0.414	0.030	0.058	0.292	---	---	3
4	---	---	0.170B	7.38B	1.12	1.46	0.493	0.040	0.041	0.287	---	---	4
5	---	---	0.170B	8.34B	1.18	1.01	0.549	0.083	0.029	0.320	---	---	5
6	---	---	0.170B	8.41B	1.23	0.824	0.651	0.102	0.036	0.322	---	---	6
7	---	---	0.170B	6.79B	1.03	1.76	0.582	0.127	0.187	0.345	---	---	7
8	---	---	0.170B	6.22	0.920	3.87	0.826	0.215	0.286	0.339	---	---	8
9	---	---	0.170B	5.82	0.894	3.46	0.886	0.218	0.165	0.315	---	---	9
10	---	---	0.170B	5.58	1.04	1.97	0.648	0.301	0.139	0.347	---	---	10
11	---	---	0.170B	5.34	1.38	1.37	0.433	0.298	0.364	0.575	---	---	11
12	---	---	0.170B	5.03	1.16	1.71	0.287	0.279	0.385	0.451	---	---	12
13	---	---	0.170B	4.70	1.13	1.86	0.345	0.241	0.325	0.575	---	---	13
14	---	---	0.170B	4.21	1.00	3.33	0.266	0.186	0.282	0.648	---	---	14
15	---	---	0.170B	4.00	0.946	2.39	0.289	0.091	0.266	0.688	---	---	15
16	---	---	0.170B	3.72	0.922	1.87	0.283	0.091	0.222	0.790B	---	---	16
17	---	---	0.400B	3.42	1.06	1.58	0.352	0.086	0.215	0.790B	---	---	17
18	---	---	0.600B	3.15	1.41	1.43	0.278	0.101	0.205	0.760B	---	---	18
19	---	---	0.800B	2.82	1.88	1.37	0.205	0.112	0.184	0.684B	---	---	19
20	---	---	1.00 B	2.80	1.49	1.24	0.141	0.140	0.171	0.700B	---	---	20
21	---	---	1.10 B	2.58	1.19	1.11	0.128	0.118	0.174	0.760B	---	---	21
22	---	---	1.20 B	2.49	1.35	1.08	0.083	0.120	0.283	0.800B	---	---	22
23	---	---	1.26 B	2.54	1.77	1.10	0.085	0.128	0.290	0.800B	---	---	23
24	---	---	2.20 B	2.29	1.38	1.21	0.078	0.114	0.230	0.736B	---	---	24
25	---	---	3.65 B	2.17	1.01	1.07	0.086	0.107	0.385	0.839B	---	---	25
26	---	---	3.34 B	1.85	1.02	1.03	0.074	0.101	0.412	0.765B	---	---	26
27	---	---	2.80 B	1.60	1.08	0.958	0.044	0.083	0.373	0.880B	---	---	27
28	---	---	1.95 B	1.38	1.08	0.808	0.032	0.068	0.353	0.765B	---	---	28
29	---	---	2.10 B	1.43	1.12	0.788	0.035	0.074	0.341	0.708B	---	---	29
30	---		2.97 B	1.27	1.08	0.647	0.045	0.060	0.281	0.780B	---	---	30
31	---		3.48 B		1.18		0.048	0.053		0.787B		---	31
TOTAL	---	---	31 880	122 41	38 992	48 168	8 880	3 839	8 810	18 488	---	---	TOTAL
MEAN	---	---	1.02	4.08	1.18	1.61	0.313	0.124	0.227	0.598	---	---	MEAN
MAX	---	---	3.65	8.41	1.85	3.87	0.886	0.301	0.412	0.880	---	---	MAX
MIN	---	---	0.170	1.27	0.920	0.647	0.032	0.030	0.029	0.287	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 8.41B ON APR 8
MINIMUM DAILY, 0.029 ON SEP 5
MAXIMUM INSTANTANEOUS,
8.52 AT 03:00 MST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 47 14 N
LONG 113 13 33 W
DRAINAGE AREA, 3 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	837
FEB	---	AUG	332
MAR	2 730	SEP	986
APR	10 800	OCT	1 800
MAY	3 200	NOV	---
JUN	4 160	DEC	---

TOTAL DISCHARGE, 24 000 dam³

STURGEON RIVER NEAR MAGNOLIA BRIDGE - STATION NO. 05EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0138	0.800	0.027	0.534	0.048	0.001	0.001	0.088	---	---	1
2	---	---	0.0168	0.741	0.045	0.476	0.038	0.001	e	0.084	---	---	2
3	---	---	0.0188	0.629	0.280	0.508	0.038	0.001	0	0.090	---	---	3
4	---	---	0.0188	0.453	1.54	0.369	0.037	0.001	0	0.125	---	---	4
5	---	---	0.0248	0.373	2.16	0.343	0.036	0.001	0	0.103	---	---	5
6	---	---	0.0308	0.343	1.49	0.533	0.045	0.002	0.011	0.088	---	---	6
7	---	---	0.0288	0.254	1.07	1.01	0.048	0.003	0.028	0.089	---	---	7
8	---	---	0.0238	0.188	0.857	2.19	0.040	0.004	0.006	0.086	---	---	8
9	---	---	0.0288	0.169	0.778	2.21	0.037	0.002	0.016	0.080	---	---	9
10	---	---	0.0318	0.128	0.755	1.50	0.041	0.002	0.031	0.080	---	---	10
11	---	---	0.0288	0.120E	0.649	0.855	0.035	0.003	0.040	0.089	---	---	11
12	---	---	0.0248	0.120E	0.552	0.584	0.031	0.001	0.089	0.075	---	---	12
13	---	---	0.0248	0.116A	0.513	0.521	0.021	0.008	0.046	0.113	---	---	13
14	---	---	0.0238	0.117	0.477	0.445	0.017	0.006	0.037	0.112	---	---	14
15	---	---	0.0228	0.132	0.518	0.278	0.002	0.006	0.043	0.077	---	---	15
16	---	---	0.0208	0.128	1.18	0.196	0.001	0.004	0.069	0.056	---	---	16
17	---	---	0.0208	0.135	3.33	0.141	0.001	0.008	0.069	0.064	---	---	17
18	---	---	0.0208	0.132	2.02	0.081	0.001	0.005	0.076	0.081	---	---	18
19	---	---	0.0348	0.139	1.23	0.058	0.001	0.005	0.081	0.108	---	---	19
20	---	---	0.1048	0.137	0.944	0.043	0.001	0.005	0.114	0.116	---	---	20
21	---	---	0.1698	0.140	0.786	0.043	0.001	0.006	0.253	0.104	---	---	21
22	---	---	0.5018	0.131	0.729	0.039	0.001	0.004	0.341	0.102	---	---	22
23	---	---	0.9948	0.116	0.643	0.038	0.001	0.007	0.238	0.104	---	---	23
24	---	---	1.46 B	0.110	0.599	0.040	0.001	0.011	0.182	0.117	---	---	24
25	---	---	1.76 B	0.108	0.562	0.047	0.001	0.007	0.141	0.128	---	---	25
26	---	---	1.46 B	0.105	0.533	0.044	0.001	0.005	0.113	0.1278	---	---	26
27	---	---	0.9308	0.082	0.523	0.039	0.002	0.004	0.088	0.1148	---	---	27
28	---	---	0.9818	0.068	0.467	0.037	0.002	0.004	0.078	0.1018	---	---	28
29	---	---	0.9078	0.064	0.464	0.044	0.001	0.003	0.085	0.0858	---	---	29
30	---	---	0.9468	0.036	0.524	0.044	0.001	0.003	0.074	0.0708	---	---	30
31	---	---	0.916		0.531		0.001	0.002		0.0718		---	31
TOTAL	---	---	11.582	6.282	26.768	13.301	0.528	0.125	2.330	2.776	---	---	TOTAL
MEAN	---	---	0.374	0.209	0.864	0.443	0.017	0.004	0.078	0.090	---	---	MEAN
MAX	---	---	1.76	0.800	3.33	2.21	0.048	0.011	0.341	0.128	---	---	MAX
MIN	---	---	0.013	0.036	0.027	0.037	0.001	0.001	0	0.056	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.280
MAXIMUM DAILY, 3.33 ON MAY 17
MINIMUM DAILY, 0 ON SEP 2
MAXIMUM INSTANTANEOUS,
4.29 AT 13:35 MST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 29 N
LONG 114 51 35 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	45.8
FEB	---	AUG	10.8
MAR	1 000	SEP	201
APR	543	OCT	240
MAY	2 310	NOV	---
JUN	1 150	DEC	---

TOTAL DISCHARGE, 5 500 dam³

STURGEON RIVER NEAR VILLENEUVE - STATION NO. 05EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1608	0.1928	0.1548	2.55 B	0.115	1.43	0.148	0.020E	0.012	0.008	0.6678	0.5208	1
2	0.1608	0.1928	0.1548	2.60 B	0.120	1.30	0.195	0.018E	0.030	0.003	0.6608	0.5208	2
3	0.1608	0.1928	0.1548	2.65 B	0.150	1.18	0.531	0.015E	0.280	0.003	0.6508	0.5308	3
4	0.1608	0.1928	0.1548	2.70 B	0.287	1.03	0.322	0.012E	0.184	0.003	0.6508	0.5308	4
5	0.1608	0.1928	0.1548	2.79	0.236	0.961	0.316	0.008E	0.081	0.003	0.6408	0.5308	5
6	0.1508	0.1928	0.1548	2.05	0.718	1.22	0.414	0.010E	0.129	0.003	0.6308	0.5308	6
7	0.1508	0.1928	0.1458	1.96	1.02	1.33	0.421	0.013A	0.426	0.005	0.6208	0.5308	7
8	0.1508	0.1928	0.1458	1.82	0.819	1.84	0.268	0.013	0.388	0.005	0.6008	0.5408	8
9	0.1508	0.1928	0.1458	1.51	0.916	2.41	0.055	0.012	0.252	0.007	0.5908	0.5408	9
10	0.1508	0.1928	0.1458	1.23	0.743	2.60	0.060	0.012	0.286	0.030	0.5808	0.5408	10
11	0.1518	0.1828	0.1458	1.06	0.692	2.99	0.060	0.011	0.156	0.377	0.5708	0.5408	11
12	0.1518	0.1828	0.1458	1.06	0.766	2.54	0.080	0.011	0.126	0.587	0.5608	0.5458	12
13	0.1408	0.1828	0.1458	1.20	0.824	1.94	0.090	0.011	0.170	0.767	0.5508	0.5458	13
14	0.1408	0.1828	0.1458	1.01	1.57	1.70	1.00 E	0.014	0.242	0.9898	0.5408	0.5458	14
15	0.1408	0.1828	0.1458	0.807	2.17	1.57	0.070E	0.018	0.230	0.8598	0.5308	0.5458	15
16	0.1308	0.1738	0.1558	0.514	1.82	1.11	0.060E	0.040	0.273	0.5568	0.5208	0.5458	16
17	0.1308	0.1738	0.1558	0.310	1.81	0.696	0.055E	0.045	0.317	0.5078	0.5208	0.5458	17
18	0.1408	0.1738	0.1558	0.260	1.78	0.434	0.085E	0.042	0.284	0.5388	0.5108	0.5508	18
19	0.1508	0.1738	0.1558	0.250	1.74	0.408	0.080E	0.025	0.194	0.4698	0.5028	0.5508	19
20	0.1608	0.1738	0.1558	0.230	1.70	0.392	0.060E	0.021	0.119	0.5438	0.5008	0.5508	20
21	0.1708	0.1648	0.1808	0.220	1.81	0.380	0.058E	0.018	0.255	0.7608	0.5008	0.5508	21
22	0.1808	0.1648	0.3008	0.200	1.49	0.290	0.052E	0.017	0.445	0.6938	0.5008	0.5508	22
23	0.1908	0.1648	0.5008	0.180	1.54	0.270	0.048E	0.014	0.341	0.7738	0.5108	0.5508	23
24	0.1918	0.1648	3.74 B	0.170	1.52	0.250	0.044E	0.012	0.188	0.7098	0.5108	0.5558	24
25	0.1918	0.1648	3.13 B	0.152	1.36	0.240	0.040E	0.010	0.190	0.6908	0.5108	0.5558	25
26	0.1918	0.1548	4.13 B	0.120	1.11	0.220	0.038E	0.018	0.264	0.6568	0.5108	0.5558	26
27	0.1918	0.1548	4.44 B	0.110	1.15	0.200	0.036E	0.045	0.242	0.5888	0.5108	0.5558	27
28	0.1918	0.1548	4.75 B	0.105	0.977	0.180	0.034E	0.050	0.144	0.6008	0.5208	0.5558	28
29	0.1928	0.1548	4.55 B	0.103	0.899	0.178	0.032E	0.035	0.053	0.6008	0.5208	0.5558	29
30	0.1928		3.83 B	0.110	1.13	0.280	0.030E	0.018	0.020	0.6208	0.5208	0.5608	30
31	0.1928		3.00 B		1.58		0.028E	0.010		0.6408		0.5608	31
TOTAL	5.053	5.131	35.554	30.071	34.352	31.549	4.787	0.619	5.271	13.588	15.899	16.870	TOTAL
MEAN	0.163	0.177	1.15	1.00	1.11	1.05	0.154	0.020	0.209	0.438	0.587	0.544	MEAN
MAX	0.192	0.192	4.75	2.79	2.17	2.99	1.00	0.050	0.445	0.989	0.667	0.580	MAX
MIN	0.130	0.154	0.145	0.103	0.115	0.178	0.028	0.008	0.012	0.003	0.500	0.520	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.548
MAXIMUM DAILY, 4.75B ON MAR 28
MINIMUM DAILY, 0.003 ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 18 N
LONG 113 45 42 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	437	JUL	414
FEB	443	AUG	83.5
MAR	3 070	SEP	542
APR	2 600	OCT	1 170
MAY	2 970	NOV	1 440
JUN	2 730	DEC	1 460

TOTAL DISCHARGE, 17 300 dam³

SUNDANCE CREEK NEAR BICKERDIKE - STATION NO. 07AF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2548	0.4808	1.41	1.04	0.665	0.178	0.150	1.69	---	---	1
2	---	---	0.2538	0.5098	1.31	0.968	0.596	0.164	0.158	1.53	---	---	2
3	---	---	0.2528	0.5138	1.42	0.884	0.498	0.148	0.156	1.41	---	---	3
4	---	---	0.2518	0.6758	1.52	0.831	0.410	0.139	0.167	1.32	---	---	4
5	---	---	0.2568	0.6908	1.80	0.857	0.395	0.148	0.191	1.23	---	---	5
6	---	---	0.2608	0.6908	1.57	1.09	0.468	0.140	0.382	1.11	---	---	6
7	---	---	0.2568	0.6898	1.56	1.22	0.474	0.127	1.20	1.02	---	---	7
8	---	---	0.2578	0.6068	1.53	1.44	0.464	0.121	2.02	0.940	---	---	8
9	---	---	0.2628	0.5658	1.66	1.65	0.385	0.125	1.92	0.885	---	---	9
10	---	---	0.2698	0.5598	1.69	1.41	0.367	0.139	1.95	0.785	---	---	10
11	---	---	0.2738	0.6808	1.86	1.18	0.312	0.173	2.08	0.714	---	---	11
12	---	---	0.2778	0.8568	1.80	1.08	0.310	0.135	2.35	0.674	---	---	12
13	---	---	0.2798	0.8428	1.74	1.02	0.353	0.129	2.22	0.605	---	---	13
14	---	---	0.2828	0.8588	1.63	0.895	0.393	0.138	1.91	0.553	---	---	14
15	---	---	0.2868	0.8948	1.58	0.778	0.270	0.122	1.69	0.544	---	---	15
16	---	---	0.2898	0.9378	2.08	0.721	0.228	0.109	1.50	0.534	---	---	16
17	---	---	0.2958	1.46 B	3.42	0.757	0.206	0.102	1.35	0.546	---	---	17
18	---	---	0.3038	1.77	4.04	0.712	0.222	0.101	1.40	0.584	---	---	18
19	---	---	0.3128	2.08	4.34	0.700	0.224	0.092	1.52	0.657	---	---	19
20	---	---	0.3178	2.17	4.07	0.685	0.270	0.089	1.80	0.6668	---	---	20
21	---	---	0.3238	2.03 B	3.52	0.663	0.247	0.084	3.51	0.662	---	---	21
22	---	---	0.3318	1.97 B	2.87	0.670	0.284	0.092	4.47	0.6218	---	---	22
23	---	---	0.3618	1.77 B	2.43	0.670	0.296	0.100	5.30	0.653	---	---	23
24	---	---	0.3618	1.86 B	2.23	0.708	0.287	0.117	5.05	0.669	---	---	24
25	---	---	0.3878	1.97 B	2.26	0.681	0.260	0.133	4.25	0.678	---	---	25
26	---	---	0.3858	1.92	1.81	0.686	0.245	0.126	3.46	0.5068	---	---	26
27	---	---	0.3998	1.77	1.63	0.602	0.235	0.124	2.78	0.3828	---	---	27
28	---	---	0.4148	1.72	1.49	0.548	0.230	0.128	2.33	0.3608	---	---	28
29	---	0.2508	0.4258	1.65	1.33	0.518	0.225	0.135	2.05	0.3418	---	---	29
30	---	---	0.4488	1.54	1.21	0.510	0.208	0.129	1.85	0.3308	---	---	30
31	---	---	0.4688		1.10		0.174	0.145		0.3208		---	31
TOTAL	---	---	9.807	35.883	64.11	26.188	10.102	3.934	61.162	23.499	---	---	TOTAL
MEAN	---	---	0.316	1.20	2.07	0.873	0.326	0.127	2.04	0.758	---	---	MEAN
MAX	---	---	0.468	2.17	4.34	1.65	0.685	0.178	5.30	1.69	---	---	MAX
MIN	---	---	0.251	0.480	1.10	0.510	0.174	0.084	0.150	0.320	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.85
MAXIMUM DAILY, 5.30 ON SEP 23
MINIMUM DAILY, 0.084 ON AUG 21
MAXIMUM INSTANTANEOUS,
5.40 AT 18:10 MST ON SEP 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 58 N
LONG 116 42 12 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	873
FEB	---	AUG	340
MAR	847	SEP	5 280
APR	3 100	OCT	2 030
MAY	5 540	NOV	---
JUN	2 260	DEC	---

TOTAL DISCHARGE, 20 300 dam³

SUNWAPTA RIVER AT ATHABASCA GLACIER - STATION NO. 07AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	--	---	0.024E	0.595	2.53	7.22	2.03	0.231	0.1088	---	1
2	---	---	---	---	0.024E	0.518	2.24	6.90	1.05	0.589	---	---	2
3	---	---	---	---	0.024E	0.526	2.17	7.34	0.890	1.12	---	---	3
4	---	---	---	---	0.024E	0.546	2.71	7.16	1.41	2.08	---	---	4
5	---	---	---	---	0.024E	0.808	4.17	7.00	2.73	1.57	---	---	5
6	---	---	---	---	0.025E	0.892	3.78	6.88	3.87	1.12	---	---	6
7	---	---	---	---	0.025E	1.04	2.46	4.83	2.41	1.30	---	---	7
8	---	---	---	---	0.026E	1.31	2.08	5.92	1.88	2.26	---	---	8
9	---	---	---	---	0.027E	1.28	2.48	7.45	1.47	3.07	---	---	9
10	---	---	---	---	0.030E	1.23	3.36	7.38	1.07	2.74	---	---	10
11	---	---	---	---	0.027E	1.32	3.88	6.88	0.728	2.65	---	---	11
12	---	---	---	---	0.033E	1.82	4.08	6.54	0.588	1.80	---	---	12
13	---	---	---	---	0.038E	2.04	4.10	5.38	0.416	0.920	---	---	13
14	---	---	---	---	0.044E	2.63	3.93	4.24	0.380	0.589	---	---	14
15	---	---	---	---	0.052E	3.83	4.33	4.60	0.347	0.428	---	---	15
16	---	---	---	---	0.063E	4.23	4.80	4.90	0.818	0.335	---	---	16
17	---	---	---	---	0.080E	2.88	5.75	5.74	5.21	0.288	---	---	17
18	---	---	---	---	0.056E	1.81	5.70	5.99	7.31	0.265	---	---	18
19	---	---	---	---	0.064E	1.24	5.01	3.40	4.18	0.265	---	---	19
20	---	---	---	---	0.074E	1.07	3.62	2.89	2.08	0.2668	---	---	20
21	---	---	---	---	0.071E	1.30	2.64	3.13	1.25	0.2588	---	---	21
22	---	---	---	---	0.062E	1.74	2.75	3.87	0.873	0.2738	---	---	22
23	---	---	---	---	0.055E	2.58	3.34	4.77	0.600	0.2788	---	---	23
24	---	---	---	---	0.050E	4.30	4.19	3.74	0.462	0.2678	---	---	24
25	---	---	---	0.0858	0.048E	5.06	4.85	3.71	0.372	0.2538	---	---	25
26	---	---	---	---	0.050E	4.54	5.37	5.62	0.303	0.1208	---	---	26
27	---	---	---	---	0.055E	4.97	5.17	5.32	0.270	0.1168	---	---	27
28	---	---	---	---	0.088E	5.95	5.18	2.35	0.251	0.1168	---	---	28
29	---	---	---	---	0.361E	6.58	7.04	1.44	0.242	0.1148	---	---	29
30	---		---	---	0.667E	4.42	5.85	1.27	0.236	0.1128	---	---	30
31	---		---		0.952A		7.19	1.69		0.1108		---	31
TOTAL	---	---	---	---	3.212	72.765	134.73	158.93	45.484	25.706	---	---	TOTAL
MEAN	---	---	---	---	0.104	2.43	4.35	5.06	1.52	0.829	---	---	MEAN
MAX	---	---	---	---	0.952	6.58	8.18	7.45	7.31	3.07	---	---	MAX
MIN	---	---	---	---	0.024	0.518	2.08	1.27	0.236	0.110	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 8.18 ON JUL 28
MINIMUM DAILY, 0.024B ON MAY 1
MAXIMUM INSTANTANEOUS,
10.2 AT 17:50 MST ON JUL 28

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 00 N
LONG 117 13 57 W
DRAINAGE AREA, 47.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11 600
FEB	---	AUG	13 600
MAR	---	SEP	3 930
APR	---	OCT	2 220
MAY	278	NOV	---
JUN	6 280	DEC	---

TOTAL DISCHARGE, 37 900 dam³

SWAN RIVER NEAR KINUSO - STATION NO. 07BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4918	0.5858	0.5768	4.788	6.36	38.0	43.9	2.40E	5.34	6.08	3.508	2.79 B	1
2	0.4938	0.5758	0.5888	5.218	6.25	79.8	30.8	2.26A	5.12	6.45	3.408	2.66 B	2
3	0.5128	0.5958	0.5868	4.918	6.43	52.3	20.1	2.20E	5.68	6.51	3.108	2.46 B	3
4	0.5778	0.5908	0.5838	5.528	7.03	36.6	14.6	2.20E	7.21	6.56	2.918	2.19 B	4
5	0.6008	0.6358	0.5708	5.888	7.71	32.1	11.5	2.20E	6.54	6.57	2.828	2.03 B	5
6	0.6508	0.5698	0.5928	7.588	8.00	35.1	13.0	3.30E	5.83	6.03	2.768	1.94 B	6
7	0.6258	0.5808	0.5628	8.08	7.91	174	21.3	4.80E	20.1 A	5.44	2.708	2.04 B	7
8	0.5228	0.5828	0.5188	7.58	7.20	245	31.9	7.00E	38.0 E	5.06	2.768	2.21 B	8
9	0.4048	0.5498	0.4938	7.48	6.90	139	33.7	5.42A	54.0 A	4.77	2.718	2.36 B	9
10	0.3308	0.5308	0.3738	7.73	7.40	79.3	25.8	5.00E	36.1 A	4.49	2.518	2.32 B	10
11	0.3098	0.4828	0.3568	7.60	8.38	54.8	18.3	5.00E	30.7 A	4.27	2.388	2.24 B	11
12	0.3028	0.4188	0.3768	7.87	8.11	41.4	14.7	13.0 E	28.1	4.08	2.348	1.73 B	12
13	0.3058	0.4538	0.3728	8.08	7.91	35.0	22.4	28.3 A	26.8	3.87	2.388	1.45 B	13
14	0.3248	0.4558	0.3648	8.22	7.77	58.0	20.8	36.3 A	22.2	4.04	2.398	1.38 B	14
15	0.3358	0.4358	0.3448	10.0	8.52	42.8	14.7	28.1	18.4	4.35	2.428	1.35 B	15
16	0.3368	0.4108	0.3188	20.2	10.1	30.9	11.0	24.2	15.4	4.68	2.468	1.30 B	16
17	0.3468	0.4128	0.3448	26.4	48.2	27.2	9.18	17.3	13.0	4.50	2.498	1.13 B	17
18	0.3698	0.3838	0.4048	19.3	56.5	23.7	7.98	12.3	11.3	5.07B	2.528	0.9398	18
19	0.3768	0.3648	0.4838	18.5	39.2	19.9	6.93	9.71	10.2	11.5 B	2.618	0.8678	19
20	0.3848	0.4128	0.5838	14.3	37.8	18.3	7.73	9.11	8.93	8.79B	2.838	0.8638	20
21	0.3808	0.4808	0.6298	14.2	47.7	15.7	7.13	11.7	7.98	7.89B	2.988	0.9728	21
22	0.3848	0.5048	1.28 B	15.8	67.8	14.4	7.21	12.5	7.38	6.67B	3.058	1.19 B	22
23	0.3858	0.5258	1.48 B	14.6	59.3	12.7	9.16	9.64	7.23	5.82B	3.108	1.29 B	23
24	0.3818	0.5608	1.73 B	12.3	62.9	12.3	7.50	7.71	6.76	5.05B	3.308	1.23 B	24
25	0.3788	0.5878	1.97 B	10.4	62.4	11.1	5.88	6.50	6.60	6.72B	3.498	0.8058	25
26	0.3578	0.6088	2.13 B	9.25	50.8	9.33	4.96	5.72	6.80	8.64B	3.388	0.6478	26
27	0.3708	0.6028	2.15 B	8.07	41.2	8.24	4.28	5.24	8.12	9.17B	3.168	0.5898	27
28	0.4568	0.5768	2.20 B	7.11	34.8	7.51	3.71	5.85	5.44	4.80B	3.108	0.5008	28
29	0.6188	0.5838	2.69 B	7.21	29.5	6.97	3.29	7.37	5.53	4.55B	3.218	0.4618	29
30	0.5508		3.21 B	6.55	26.0	8.93	3.11A	7.20	5.74	4.25B	3.048	0.4388	30
31	0.6008		3.87 B		24.0		2.65E	6.16		4.00B		0.4158	31
TOTAL	13.345	15.382	32.944	307.88	799.88	1 374.58	439.30	305.89	438.83	175.78	85.88	44.786	TOTAL
MEAN	0.431	0.530	1.06	10.3	25.8	45.8	14.2	9.86	14.6	5.67	2.86	1.44	MEAN
MAX	0.650	0.695	3.87	26.4	62.9	245	43.9	36.3	58.0	11.5	3.60	2.79	MAX
MIN	0.302	0.364	0.316	4.78	6.25	8.97	2.65	2.20	5.12	3.97	2.34	0.415	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 245 ON JUN 8
MINIMUM DAILY, 0.302B ON JAN 12
MAXIMUM INSTANTANEOUS,
257 AT 13:30 MST ON JUN 8

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 19 00 N
LONG 115 24 30 W
DRAINAGE AREA, 1 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150	JUL	38 000
FEB	1 330	AUG	26 400
MAR	2 850	SEP	37 900
APR	26 600	OCT	15 200
MAY	69 100	NOV	7 420
JUN	119 000	DEC	3 870

TOTAL DISCHARGE, 349 000 dam³

SWAN RIVER NEAR SWAN HILLS - STATION NO. 07BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1308	0.384	0.783	8.40E	8.79	0.587	0.854	0.921A	---	---	1
2	---	---	0.1328	0.449	0.815	7.00E	5.08	0.541	0.827	0.894	---	---	2
3	---	---	0.1368	0.5438	0.920	5.60E	3.66	0.878	0.841	0.895	---	---	3
4	---	---	0.1368	0.686	1.09	4.80E	2.83	2.07	0.908	0.890	---	---	4
5	---	---	0.1378	0.721	1.17	4.60E	2.60	1.33	0.807	0.858	---	---	5
6	---	---	0.1388	0.694	1.11	9.23A	2.94	1.67	1.08	0.802	---	---	6
7	---	---	0.1538	0.672	0.928	31.9	3.71	2.00	8.00	0.753	---	---	7
8	---	---	0.1958	0.663	0.870	19.7	5.20	1.55	4.88 A	0.725	---	---	8
9	---	---	0.2268	0.674	1.04	8.19	4.82	1.23	3.58	0.699	---	---	9
10	---	---	0.2028	0.712	1.24	5.19	3.59	1.90	2.78	0.677	---	---	10
11	---	---	0.1738	0.768	1.07	4.16	2.79	1.55	2.54	0.665	---	---	11
12	---	---	0.1568	0.768	1.02	3.44	4.19	1.30	2.89	0.663	---	---	12
13	---	---	0.1508	0.768	1.02	2.99	4.85	3.25	2.64	0.622	---	---	13
14	---	---	0.1478	0.878	1.15	2.58	3.65	3.89	2.14	0.705	---	---	14
15	---	---	0.1458	1.88	1.48	2.16	2.89	3.67	1.82	0.785	---	---	15
16	---	---	0.1458	2.96	4.76	1.87	2.09	2.85	1.53	0.7048	---	---	16
17	---	---	0.1558	2.38	12.0	2.13	1.83	2.07	1.39	0.6808	---	---	17
18	---	---	0.2188	1.81	12.4	1.79	1.58	1.62	1.28	0.7608	---	---	18
19	---	---	0.2358	1.66	10.5	1.62	2.11	1.49	1.16	0.8498	---	---	19
20	---	---	0.2418	1.67	9.34	1.79	1.88	1.58	1.04	0.8768	---	---	20
21	---	---	0.2258	2.18	6.77	1.82	1.66	2.21	0.950E	0.9218	---	---	21
22	---	---	0.2278	2.15	10.5	1.39	2.36	1.90	0.890E	0.8588	---	---	22
23	---	---	0.2288	1.94	15.0	1.83	1.95	1.44	0.840E	0.8008	---	---	23
24	---	---	0.2158	1.64	13.4	1.50	1.38	1.17	0.800E	0.7558	---	---	24
25	---	---	0.2148	1.33	11.3	1.25	1.20	0.998	0.790E	0.7108	---	---	25
26	---	---	0.1938	1.06	10.1	1.08	1.19	0.887	0.790E	0.6708	---	---	26
27	---	---	0.1688	1.07	9.02	1.03	1.01	0.917	0.800E	0.6208	---	---	27
28	---	---	0.2108	0.935	8.16	1.12	0.875	1.27	0.830E	0.5038	---	---	28
29	---	---	0.2508	0.891	8.52	1.42	0.834	1.34	0.860E	0.5788	---	---	29
30	---		0.3208	0.818	8.40 E	8.67	0.733	1.18	0.890E	C 6788	---	---	30
31	---		0.398		8.80 E		0.654	0.993		0.5788		---	31
TOTAL	---	---	5.997	35.800	174.476	149.85	84.926	51.341	49.815	23.074	---	---	TOTAL
MEAN	---	---	0.193	1.19	5.63	5.00	2.74	1.66	1.65	0.744	---	---	MEAN
MAX	---	---	0.398	2.96	15.0	31.9	8.79	3.89	8.00	0.921	---	---	MAX
MIN	---	---	0.130	0.384	0.783	1.03	0.654	0.541	0.790	0.578	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.35
MAXIMUM DAILY, 31.9 ON JUN 7
MINIMUM DAILY, 0.130B ON MAR 1
MAXIMUM INSTANTANEOUS,
38.3 AT 18:45 MST ON JUN 7

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 48 08 N
LONG 115 28 12 W
DRAINAGE AREA, 156 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 340
FEB	---	AUG	4 440
MAR	518	SEP	4 280
APR	3 080	OCT	1 990
MAY	15 100	NOV	---
JUN	12 900	DEC	---

TOTAL DISCHARGE, 49 700 dam³

SWIFTCURRENT CREEK AT SHERBURNE - STATION NO 05AE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	8 41	11 8	4 03	2 48	0.311	15 1	0 184	0 003	---	---	1
2	---	---	8 33	7 84	3 96	4 70	1 24	14 8	0 184	0 003	---	---	2
3	---	---	8 27	4 35	3 71	6 06	4 36	14 0	0 184	0 003	---	---	3
4	---	---	3 46	3 43	3 51	5 14	8 01	12 8	0 184	0 003	---	---	4
5	---	---	0 312	3 15	3 43	5 14	9 51	13 0	0 184	0 003	---	---	5
6	---	---	2 47	3 12	3 29	5 69	6 06	14 2	0 136	0 003	---	---	6
7	---	---	4 11	3 06	3 34	6 50	4 05	15 1	0 136	0 003	---	---	7
8	---	---	4 02	3 06	3 43	8 38	5 37	17 4	0 136	0 003	---	---	8
9	---	---	3 86	3 06	3 65	11 3	9 43	16 3	0 144	0 003	---	---	9
10	---	---	6 48	3 06	3 71	12 6	10 3	17 9	0 144	0 003	---	---	10
11	---	---	8 10	3 03	4 27	12 1	8 98	17 7	0 144	0 003	---	---	11
12	---	---	8 01	3 03	5 06	9 62	8 27	16 9	0 144	0 003	---	---	12
13	---	---	7 87	2 87	5 84	8 00	8 27	16 4	0 150	0 003	---	---	13
14	---	---	12 6	2 86	6 86	11 5	9 37	16 1	0 150	0 002	---	---	14
15	---	---	15 6	2 89	9 40	13 4	11 4	16 6	0 108	0 002	---	---	15
16	---	---	15 5	2 89	15 0	12 4	13 2	16 7	0 038	0 002	---	---	16
17	---	---	15 5	3 34	15 6	9 85	13 8	16 4	0 028	0 002	---	---	17
18	---	---	15 3	5 33	7 59	4 77	13 8	16 1	1 05	0 002	---	---	18
19	---	---	15 5	9 87	1 65	1 77	13 8	16 8	1 84	0 003	---	---	19
20	---	---	15 5	12 1	3 81	3 27	13 8	16 2	1 84	0 003	---	---	20
21	---	---	15 3	10 9	9 25	3 89	13 6	13 9	1 84	0 002	---	---	21
22	---	---	15 0	9 36	12 6	1 54	13 8	7 33	1 84	0 002	---	---	22
23	---	---	14 9	8 84	10 4	3 41	15 3	3 81	1 87	0 002	---	---	23
24	---	---	14 4	8 41	7 85	4 00	17 8	0 872	3 35	0 003	---	---	24
25	---	---	14 2	7 65	7 59	2 48	18 7	0 187	4 22	0 0028	---	---	25
26	---	---	13 9	6 87	10 9	2 30	20 6	0 150	2 86	0 0028	---	---	26
27	---	---	13 5	6 21	12 6	3 83	20 5	0 108	1 12	0 0028	---	---	27
28	---	---	13 2	5 50	12 7	3 37	18 1	0 158	0 008	0 0028	---	---	28
29	---	---	12 9	4 91	13 0	1 14	18 7	0 184	0 004	0 0148	---	---	29
30	---		12 6	4 46	12 3	0 283	18 7	0 184	0 004	0 0028	---	---	30
31	---		12 2		9 14		18 1	0 184		0 0028		---	31
TOTAL	---	---	331 412	167 73	231 27	183 813	383 031	346 277	24 022	0 090	---	---	TOTAL
MEAN	---	---	10 7	5 59	7 46	6 13	11 7	11 2	0 801	0 003	---	---	MEAN
MAX	---	---	15 6	12 1	15 8	13 4	20 6	16 3	4 22	0 014	---	---	MAX
MIN	---	---	0 312	2 89	1 95	0 283	0 311	0 108	0 004	0 002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 73
MAXIMUM DAILY, 20 6 ON JUL 28
MINIMUM DAILY, 0 002 ON OCT 14
MAXIMUM INSTANTANEOUS,
20 8 AT 10 00 MST ON JUL 28

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 49 N
LONG 113 30 59 W
DRAINAGE AREA, 168 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 400
FEB	---	AUG	28 900
MAR	28 600	SEP	2 080
APR	14 500	OCT	7 78
MAY	20 000	NOV	---
JUN	15 900	DEC	---

TOTAL DISCHARGE, 142 000 dam³

SYLVAN LAKE AT SYLVAN LAKE - STATION NO 05CC003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	936 592	936 642	---	---	---	936 487	936 404	---	1
2	---	---	---	---	936 581	---	936 631	936 563	936 446	936 480	---	---	2
3	---	---	---	---	936 588	---	936 623	936 578	---	936 464	---	---	3
4	---	---	---	936 558	---	---	---	936 577	---	936 462	---	---	4
5	---	---	---	---	---	936 618	936 618	---	936 428	936 480	---	---	5
6	---	---	---	---	936 804	---	---	---	---	---	---	---	6
7	---	---	---	---	936 600	936 622	---	936 561	936 472	---	---	---	7
8	---	---	---	---	936 586	936 652	936 619	936 552	936 460	---	---	---	8
9	---	---	---	---	936 612	---	936 622	936 541	936 466	---	---	---	9
10	---	---	---	---	936 622	936 651	936 620	936 551	936 460	936 447	---	---	10
11	---	---	---	---	936 616	936 656	936 617	936 549	936 470	936 446	---	---	11
12	---	---	---	---	---	936 649	936 626	---	936 456	936 444	---	---	12
13	---	---	---	---	---	---	---	936 541	936 454	936 430	---	---	13
14	---	---	936 604	---	936 590	---	---	936 546	936 451	936 426	---	---	14
15	---	---	---	---	---	936 641	---	936 521	---	936 432	---	---	15
16	---	---	---	---	936 618	936 650	936 613	936 525	---	---	---	---	16
17	---	---	---	936 584	936 620	---	936 621	936 531	936 446	936 462	---	---	17
18	---	---	---	---	936 621	936 660	936 582	---	---	---	---	---	18
19	---	---	---	---	---	936 659	936 581	---	936 445	936 424	---	---	19
20	---	---	---	---	---	936 655	936 587	---	---	---	---	---	20
21	---	---	---	---	---	---	---	936 517	---	936 430	---	---	21
22	---	---	---	---	936 600	---	---	936 512	936 482	---	---	---	22
23	---	---	---	---	936 631	---	936 583	---	936 474	---	---	---	23
24	---	---	---	---	---	936 658	936 594	936 521	936 477	---	---	---	24
25	---	---	---	---	936 602	936 655	936 587	---	936 474	---	---	---	25
26	---	---	---	---	936 622	---	---	936 496	936 471	---	---	---	26
27	---	---	---	---	936 624	936 648	---	936 501	936 470	---	---	---	27
28	---	---	---	---	936 625	936 648	---	936 496	936 463	---	---	---	28
29	---	---	---	---	936 630	---	936 557	936 488	---	---	---	---	29
30	---		---	---	---	936 645	---	---	---	---	---	---	30
31	---		---		936 644		936 583	936 437		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 44 N
LONG 114 08 08 W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DRAINAGE AREA,
136 km²

TEEPEE CREEK NEAR LA CRETE - STATION NO 07JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0368	0	0.183	0.298	0.006	0.001	0.011	---	---	1
2	---	---	0 B	0.0468	0	0.184	0.566	0.026	0.030	0.016	---	---	2
3	---	---	0 B	0.0568	0	0.248	0.507	0.018	0.024	0.021	---	---	3
4	---	---	0 B	0.0188	0	0.138	0.456	0.013	0.287	0.018	---	---	4
5	---	---	0 B	0.0158	0	0.088	0.587	0.007	0.283	0.022	---	---	5
6	---	---	0 B	0.0058	0	0.082	0.665	0.001	0.238	0.024	---	---	6
7	---	---	0 B	0.0018	0	0.167	0.979	0	0.193	0.016	---	---	7
8	---	---	0 B	0.0018	0	0.133	0.973	0	0.175	0.012	---	---	8
9	---	---	0 B	0.0038	0	0.148	0.913	0	0.157	0.023	---	---	9
10	---	---	0 B	0.0038	0	0.147	0.936	0	0.126	0.022	---	---	10
11	---	---	0 B	0.0038	0	0.115	0.800	0	0.095	0.018	---	---	11
12	---	---	0 B	0.0078	0	0.008	0.852	0	0.084	0.018	---	---	12
13	---	---	0 B	0.0088	0	0	0.563	0	0.101	0.023	---	---	13
14	---	---	0 B	0.0118	0	0	0.489	0	0.092	0.020	---	---	14
15	---	---	0 B	0.0138	0	0.001	0.435	0	0.077	0.023	---	---	15
16	---	---	0 B	0.0158	0	0.001	0.393	0	0.078	0.024	---	---	16
17	---	---	0 B	0.015	0	0	0.341	0	0.088	0.0298	---	---	17
18	---	---	0 B	0.015A	0.001	0	0.286	0	0.075	0.0388	---	---	18
19	---	---	0 B	0.014E	0.012	0	0.452	0	0.055	0.0388	---	---	19
20	---	---	0 B	0.012E	0.031	0	0.323	0	0.033	0.0368	---	---	20
21	---	---	0 B	0.010E	0.020	0.005	0.244	0	0.030	0.0298	---	---	21
22	---	---	0 B	0.008E	0.017	0	0.161	0	0.011	0.0318	---	---	22
23	---	---	0 B	0.007E	0.009	0	0.140	0	0.001	0.0358	---	---	23
24	---	---	0 B	0.005E	0.002	0	0.304	0	0.002	0.0418	---	---	24
25	---	---	0 B	0.004E	0.001	0	0.137	0	0.003	0.0448	---	---	25
26	---	---	0 B	0.003E	0.001	0	0.042	0	0.033	0.0418	---	---	26
27	---	---	0 0018	0.002E	0	0	0.037	0	0.018	0.0368	---	---	27
28	---	---	0 0038	0.001E	0	0	0.538	0	0.010	0.0318	---	---	28
29	---	---	0.0268	0.001E	0	0.001	0.025	0	0.010	0.0298	---	---	29
30	---		0 0208	0	0	0.178	0.017	0.001	0.011	0.0268	---	---	30
31	---		0 0238		0.063		0.007	0.001		0.0238		---	31
TOTAL	---	---	0.073	0.322	0.157	1.784	12.951	0.087	2.382	0.816	---	---	TOTAL
MEAN	---	---	0.002	0.011	0.005	0.059	0.418	0.002	0.079	0.026	---	---	MEAN
MAX	---	---	0.026	0.050	0.063	0.248	0.979	0.026	0.283	0.044	---	---	MAX
MIN	---	---	0	0	0	0	0.007	0	0.001	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.076
MAXIMUM DAILY, 0.979 ON JUL 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.00 AT 14 00 MST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 08 16 N
LONG 116 14 55 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 120
FEB	---	AUG	5.79
MAR	8.31	SEP	206
APR	27.8	OCT	70.5
MAY	13.8	NOV	---
JUN	154	DEC	---

TOTAL DISCHARGE, 1 600 dam³

THREEHILLS CREEK BELOW RAY CREEK - STATION NO. 05CE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.178	0.015E	0.001E	0	0	0	0	---	---	1
2	---	---	0 B	0.109	0.009	0.001E	0	0	0	0	---	---	2
3	---	---	0 B	0.084	0.011E	0.001E	0	0	0	0	---	---	3
4	---	---	0 B	0.115E	0.015E	0.002E	0	0	0	0	---	---	4
5	---	---	0 B	0.140E	0.035	0.002E	0	0	0	0	---	---	5
6	---	---	0 B	0.100E	0.040E	0.003	0	0	0	0	---	---	6
7	---	---	0 B	0.047	0.047	0.003	0	0	0	0	---	---	7
8	---	---	0 B	0.062	0.041E	0.015E	0	0	0	0	---	---	8
9	---	---	0 B	0.030	0.030E	0.030E	0	0	0	0	---	---	9
10	---	---	0 B	0.032	0.023	0.050	0	0	0	0	---	---	10
11	---	---	0 B	0.033	0.022	0.060E	0	0	0	0	---	---	11
12	---	---	0 B	0.028E	0.020E	0.040E	0	0	0	0	---	---	12
13	---	---	0 B	0.022	0.014E	0.018	0	0	0	0	---	---	13
14	---	---	0 B	0.019	0.009	0.011E	0	0	0	0	---	---	14
15	---	---	0 B	0.017E	0.008	0.009E	0	0	0	0	---	---	15
16	---	---	0 B	0.012E	0.007E	0.005E	0	0	0	0	---	---	16
17	---	---	0 B	0.009	0.008E	0.003E	0	0	0	0	---	---	17
18	---	---	0 B	0.008E	0.010E	0.006E	0	0	0	0	---	---	18
19	---	---	0 B	0.007	0.008E	0.017E	0	0	0	0	---	---	19
20	---	---	0 B	0.009	0.007E	0.033E	0	0	0	0	---	---	20
21	---	---	0 B	0.009E	0.008E	0.040E	0	0	B	0	---	---	21
22	---	---	0 B	0.010E	0.005E	0.056	0	0	B	0	---	---	22
23	---	---	0.0308	0.011E	0.005	0.040E	0	0	B	0	---	---	23
24	---	---	0.0808	0.012	0.005E	0.030E	0	0	B	0	---	---	24
25	---	---	0.1748	0.031	0.006E	0.025E	0	0	B	0	---	---	25
26	---	---	0.2178	0.020E	0.005E	0.015E	0	0	0	0B	---	---	26
27	---	---	0.3488	0.012E	0.004E	0.010E	0	0	0	0B	---	---	27
28	---	---	0.3768	0.020E	0.003E	0.002	0	0	0	0B	---	---	28
29	---	---	0.3268	0.029	0.002E	0.001E	0	0	0	0B	---	---	29
30	---		0.3108	0.020	0.002E	0.001E	0	0	0	0B	---	---	30
31	---		0.2508		0.001E		0	0		0B		---	31
TOTAL	---	---	2.111	1.213	0.423	0.530	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.068	0.040	0.014	0.018	0	0	0	0	---	---	MEAN
MAX	---	---	0.376	0.176	0.047	0.060	0	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.376B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 59 10 N
LONG 113 34 04 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	182	SEP	0
APR	105	OCT	0
MAY	36.5	NOV	---
JUN	45.8	DEC	---

TOTAL DISCHARGE, 369 dam³

THREEHILLS CREEK NEAR CARBON - STATION NO 05CE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3578	0.027	0.007	0.003	0.081	0	0.005	---	---	1
2	---	---	0 B	0.3218	0.022	0.005	0.001	0.084	0	0.003	---	---	2
3	---	---	0 B	0.2538	0.026	0.004	0	0.050	0	0.002	---	---	3
4	---	---	0 B	0.2648	0.086	0.003	0	1.86	0	0.002	---	---	4
5	---	---	0 B	0.293	0.051	0.004	0	0.140	0	0.001	---	---	5
6	---	---	0 B	0.232	0.044	0.026	0	0.186	0.002	0.001	---	---	6
7	---	---	0 B	0.198	0.031	0.040	0	0.072	0.002	0.001	---	---	7
8	---	---	0 B	0.137	0.024	0.097	0	0.077	0.001	0.001	---	---	8
9	---	---	0 B	0.108	0.018	0.116	0	0.038	0	0	---	---	9
10	---	---	0 B	0.082	0.019	0.186	0	0.026	0	0	---	---	10
11	---	---	0 B	0.081	0.027	0.202	0	0.018	0	0	---	---	11
12	---	---	0 B	0.072	0.020	0.074	0	0.010	0.001	0	---	---	12
13	---	---	0 B	0.056	0.016	0.038	0	0.007	0.001	0	---	---	13
14	---	---	0 B	0.048	0.013	0.023	0	0.006	0	0	---	---	14
15	---	---	0 B	0.038	0.013	0.016	0	0.004	0	0	---	---	15
16	---	---	0 B	0.031	0.012	0.013	0	0.003	0	0	---	---	16
17	---	---	0 B	0.030	0.015	0.012	0	0.002	0	0	---	---	17
18	---	---	0 B	0.047	0.011	0.034	0.303	0.002	0	0.001	---	---	18
19	---	---	0 B	0.067	0.009	0.035	0.077	0.003	0	0.002	---	---	19
20	---	---	0 B	0.047	0.008	0.045	0.047	0.003	0.001	0.002	---	---	20
21	---	---	0 B	0.038	0.008	0.035	0.045	0.001	0.033	0.001	---	---	21
22	---	---	0.0508	0.035	0.008	0.070	0.090	0.001	0.028	0.001	---	---	22
23	---	---	0.2638	0.034	0.004	0.045	0.073	0	0.068	0.001	---	---	23
24	---	---	0.5508	0.036	0.008	0.041	0.068	0	0.037	0.002	---	---	24
25	---	---	0.6738	0.040	0.013	0.039	0.035	0	0.033	0.002	---	---	25
26	---	---	0.7508	0.032	0.013	0.034	0.044	0	0.014	0.0058	---	---	26
27	---	0B	0.8508	0.025	0.020	0.024	0.100	0	0.010	0.0038	---	---	27
28	---	0B	0.9128	0.040	0.018	0.018	0.082	0	0.008	0.0018	---	---	28
29	---	0B	0.8858	0.034	0.012	0.008	0.088	0	0.007	0 B	---	---	29
30	---		0.7508	0.032	0.008	0.005	0.201	0	0.006	0 B	---	---	30
31	---		0.5508		0.008		0.125	0		0 B		---	31
TOTAL	---	---	8.283	3.127	0.578	1.323	1.383	2.853	0.224	0.037	---	---	TOTAL
MEAN	---	---	0.202	0.104	0.018	0.044	0.045	0.088	0.007	0.001	---	---	MEAN
MAX	---	---	0.912	0.357	0.086	0.202	0.303	1.86	0.068	0.005	---	---	MAX
MIN	---	---	0	0.025	0.004	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.86 ON AUG 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.98 AT 01 14 MST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 113 04 18 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	120
FEB	---	AUG	229
MAR	541	SEP	18 4
APR	270	OCT	3 20
MAY	49 8	NOV	---
JUN	114	DEC	---

TOTAL DISCHARGE, 1 350 dam³

THREEPOINT CREEK NEAR MILLARVILLE - STATION NO 05BL013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0218	0.0958	0.381	1.11	1.28	0.087	0.031	0.042	0.0158	---	1
2	---	---	0.0218	0.1138	0.382	1.05	1.17	0.080	0.028	0.038	---	---	2
3	---	---	0.0208	0.1508	0.377	0.977	1.04	0.080	0.029	0.038	---	---	3
4	---	---	0.0218	0.2068	0.452	0.938	0.958	0.074	0.031	0.035	---	---	4
5	---	---	0.0218	0.2738	0.522	1.21	0.890	0.148	0.027	0.032	---	---	5
6	---	---	0.0218	0.3058	0.606	1.60	0.803	0.101	0.030	0.025	---	---	6
7	---	---	0.0218	0.2718	0.663	1.64	0.701	0.073	0.034	0.026	---	---	7
8	---	---	0.0238	0.2948	0.780	3.35	0.607	0.082	0.030	0.026	---	---	8
9	---	---	0.0238	0.3078	1.02	7.12	0.581	0.083	0.033	0.026	---	---	9
10	---	---	0.0228	0.2868	1.10	6.88	0.492	0.044	0.034	0.027	---	---	10
11	---	---	0.0218	0.2568	0.982	5.56	0.423	0.040	0.032	0.029	---	---	11
12	---	---	0.0228	0.338	0.837	4.46	0.355	0.038	0.039	0.034	---	---	12
13	---	---	0.0248	0.333	0.822	3.65	0.323	0.034	0.037	0.031	---	---	13
14	---	---	0.0258	0.332	0.974	3.12	0.287	0.029	0.035	0.043	---	---	14
15	---	---	0.0288	0.416	1.32	2.79	0.241	0.032	0.032	0.048	---	---	15
16	---	---	0.0278	0.523	1.81	2.60	0.200	0.031	0.030	0.053	---	---	16
17	---	---	0.0288	1.32	2.60	2.39	0.158	0.030	0.032	0.068	---	---	17
18	---	---	0.0268	1.09	2.10	2.15	0.138	0.028	0.029	0.0778	---	---	18
19	---	---	0.0278	0.932	1.82	1.92	0.102	0.032	0.033	0.1068	---	---	19
20	---	---	0.0248	0.985	1.89	1.80	0.084	0.030	0.039	0.0858	---	---	20
21	---	---	0.0268	1.04	1.45	2.04	0.098	0.032	0.052	0.0728	---	---	21
22	---	---	0.0368	1.11	1.20	2.84	0.107	0.031	0.046	0.0678	---	---	22
23	---	---	0.0378	0.873	1.05	2.81	0.106	0.032	0.048	0.0818	---	---	23
24	---	---	0.0458	0.758	1.01	2.58	0.092	0.033	0.044	0.0558	---	---	24
25	---	---	0.1358	0.637	0.977	2.38	0.072	0.033	0.048	0.0558	---	---	25
26	---	---	0.1328	0.515	1.03	2.17	0.085	0.032	0.042	0.0678	---	---	26
27	---	---	0.1368	0.444	1.24	1.82	0.081	0.032	0.041	0.0588	---	---	27
28	---	---	0.1148	0.408	1.33	1.74	0.068	0.031	0.041	0.0478	---	---	28
29	---	---	0.1068	0.410	1.18	1.56	0.126	0.031	0.040	0.0328	---	---	29
30	---		0.0958	0.388	1.17	1.41	0.082	0.032	0.039	0.0278	---	---	30
31	---		0.0888		1.24		0.681	0.033		0.0228		---	31
TOTAL	---	---	1.408	15.404	34.215	77.573	11.787	1.420	1.084	1.449	---	---	TOTAL
MEAN	---	---	0.045	0.513	1.10	2.58	0.280	0.046	0.036	0.047	---	---	MEAN
MAX	---	---	0.136	1.32	2.60	7.12	1.28	0.149	0.052	0.108	---	---	MAX
MIN	---	---	0.020	0.095	0.377	0.938	0.051	0.029	0.027	0.022	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.589
MAXIMUM DAILY, 7.12 ON JUN 9
MINIMUM DAILY, 0.0208 ON MAR 3
MAXIMUM INSTANTANEOUS,
7.86 AT 13 00 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 14 N
LONG 114 15 39 W
DRAINAGE AREA, 507 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 030
FEB	---	AUG	123
MAR	122	SEP	93 7
APR	1 330	OCT	125
MAY	2 950	NOV	---
JUN	5 700	DEC	---

TOTAL DISCHARGE, 12 500 dam³

TODD CREEK AT ELTON'S RANCH - STATION NO. 05AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.079	0.101	0.037	0.170	0.048	0	0.048E	0.015B	---	1
2	---	---	---	0.059	0.103	0.037	0.155	0.038	0	0.043E	0.020B	---	2
3	---	---	---	0.043	0.107	0.038	0.140	0.059	0	0.040E	0.030B	---	3
4	---	---	---	0.076	0.121	0.064	0.131	0.071	0	0.035E	0.040B	---	4
5	---	---	---	0.080	0.140	0.091	0.119	0.074	0	0.032E	0.048B	---	5
6	---	---	---	0.079	0.183	0.115	0.099	0.088	0	0.030E	0.050B	---	6
7	---	---	---	0.088	0.206	0.135	0.080	0.050	0	0.027E	---	---	7
8	---	---	---	0.082	0.140	0.414	0.092	0.047	0	0.023E	---	---	8
9	---	---	---	0.092	0.126	0.406	0.107	0.038	0	0.020E	---	---	9
10	---	---	---	0.099	0.089	0.418	0.111	0.023	0	0.018E	---	---	10
11	---	---	---	0.101	0.053	0.418	0.111	0.012	0	0.015E	---	---	11
12	---	---	---	0.111	0.049	0.212	0.107	0.009	0	0.012E	---	---	12
13	---	---	---	0.081	0.053	0.218	0.103	0.008	0	0.010E	---	---	13
14	---	---	---	0.089	0.070	0.233	0.098	0.004	0	0.008E	---	---	14
15	---	---	---	0.079	0.103	0.215	0.095	0.003	0	0.008E	---	---	15
16	---	---	---	0.118	0.170	0.203	0.092	0.001	0	0.010E	---	---	16
17	---	---	---	0.119	0.895	0.175	0.089	0	0	0.010E	---	---	17
18	---	---	---	0.121	0.150	0.188	0.086	0	0	0.011E	---	---	18
19	---	---	---	0.281	0.126	0.194	0.080	0	0	0.012E	---	---	19
20	---	---	---	0.308	0.085	0.183	0.077	0	0	0.015E	---	---	20
21	---	---	---	0.212	0.059	0.173	0.071	0	0	0.020E	---	---	21
22	---	---	---	0.200	0.084	0.170	0.064	0	0	0.030E	---	---	22
23	---	---	---	0.185	0.088	0.160	0.018	0	0 012E	0.030E	---	---	23
24	---	---	---	0.158	0.073	0.153	0.012	0	0.020E	0.028E	---	---	24
25	---	---	---	0.127	0.076	0.148	0.010	0	0.030E	0.020E	---	---	25
26	---	---	---	0.121	0.080	0.140	0.010	0	0.040E	0.015E	---	---	26
27	---	---	---	0.113	0.061	0.140	0.009	0	0.048E	0.012B	---	---	27
28	---	---	---	0.107	0.047	0.150	0.035	0	0.050E	0.010B	---	---	28
29	---	---	0.133	0.101	0.032	0.155	0.035	0	0.050E	0.010B	---	---	29
30	---	---	0.115E	0.107	0.034	0.160	0.038	0	0.049E	0.011B	---	---	30
31	---		0.087E		0.032		0.041	0		0.012B		---	31
TOTAL	---	---	---	3.635	3.494	5.543	3.484	0.570	0.299	0.625	---	---	TOTAL
MEAN	---	---	---	0.121	0.113	0.185	0.080	0.018	0.010	0.020	---	---	MEAN
MAX	---	---	---	0.308	0.895	0.418	0.170	0.089	0.050	0.048	---	---	MAX
MIN	---	---	---	0.043	0.032	0.037	0.009	0	0	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 0.895 ON MAY 17
MINIMUM DAILY, 0 ON AUG 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 39 27 N
LONG 114 07 37 W
DRAINAGE AREA, 144 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	215
FEB	---	AUG	49.2
MAR	---	SEP	25.8
APR	314	OCT	54.0
MAY	302	NOV	---
JUN	479	DEC	---

TOTAL DISCHARGE, 1 130 dam³

TODD CREEK NEAR HIGHWAY NO 22 - STATION NO 05AA909

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.132	0.163	0.161	0.088	---	0.061	---	---	1
2	---	---	---	---	0.132	0.178	0.164	0.082	---	0.064	---	---	2
3	---	---	---	---	0.120	0.166	0.148	0.153	---	0.056	---	---	3
4	---	---	---	---	0.107	0.178	0.148	0.078	---	0.056	---	---	4
5	---	---	---	---	0.130	0.203	0.142	0.067	---	0.047	---	---	5
6	---	---	---	---	0.185	0.184	0.145	0.084	---	0.041	---	---	6
7	---	---	---	---	0.301	0.185	0.133	0.067	---	0.042	---	---	7
8	---	---	---	---	0.374	0.283	0.105	0.052	---	0.042	---	---	8
9	---	---	---	---	0.578	0.544	0.108	0.058	---	0.044	---	---	9
10	---	---	---	---	0.333	0.413	0.113	0.056	---	0.039	---	---	10
11	---	---	---	---	0.220	0.327	0.122	0.050	---	0.035	---	---	11
12	---	---	---	0.099A	0.194	0.285	0.118	0.051	---	0.032	---	---	12
13	---	---	---	0.112	0.153	0.267	0.133	0.065	---	0.031	---	---	13
14	---	---	---	0.127	0.149	0.305	0.124	0.070	---	0.028	---	---	14
15	---	---	---	0.187	0.181	0.271	0.085	0.059	---	0.040	---	---	15
16	---	---	---	0.228	1.34	0.244	0.088	0.058	---	0.035	---	---	16
17	---	---	---	0.261	0.470	0.249	0.081	0.057	---	0.041	---	---	17
18	---	---	---	0.231	0.281	0.233	0.077	0.055	---	0.048	---	---	18
19	---	---	---	0.318	0.230	0.214	0.067	0.052	0.034A	0.043	---	---	19
20	---	---	---	0.448	0.242	0.238	0.054	0.053	0.034	0.049	---	---	20
21	---	---	---	0.298	0.233	0.313	0.053	0.053	0.090	0.048	---	---	21
22	---	---	---	0.231	0.194	0.579	0.074	0.056	0.090	0.045	---	---	22
23	---	---	---	0.198	0.160	0.332	0.063	0.057	0.072	0.042	---	---	23
24	---	---	---	0.160	0.179	0.249	0.063	0.055	0.068	0.040	---	---	24
25	---	---	---	0.139	0.234	0.219	0.064	0.055	0.066	0.040B	---	---	25
26	---	---	---	0.134	0.245	0.201	0.058	0.052	0.052	0.040B	---	---	26
27	---	---	---	0.138	0.223	0.184	0.052	0.053	0.068	0.040B	---	---	27
28	---	---	---	0.140	0.178	0.164	0.056	0.048A	0.086	0.040B	---	---	28
29	---	---	---	0.140	0.170	0.152	0.081	---	0.069	0.040B	---	---	29
30	---		---	0.128	0.165	0.154	0.178	---	0.067	0.040B	---	---	30
31	---		---		0.170		0.117	---		0.040B		---	31
TOTAL	---	---	---	---	8.001	7.685	3.178	---	---	1.328	---	---	TOTAL
MEAN	---	---	---	---	0.258	0.256	0.103	---	---	0.043	---	---	MEAN
MAX	---	---	---	---	1.34	0.579	0.178	---	---	0.064	---	---	MAX
MIN	---	---	---	---	0.107	0.152	0.052	---	---	0.028	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.34 ON MAY 16

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 40 N
LONG 114 14 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	275
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	115
MAY	891	NOV	---
JUN	564	DEC	---

TOMAHAWK CREEK NEAR TOMAHAWK - STATION NO 05DE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0 148	0 005	0 003	0 378	---	---	1
2	---	---	---	---	---	---	0 100	0 004	0 003	0 364	---	---	2
3	---	---	---	---	---	---	0 074	0 024	0 005	0 332	---	---	3
4	---	---	---	---	---	---	0 085	0 003	0 003	0 306	---	---	4
5	---	---	---	---	---	---	0 049	0 002	0 002	0 295	---	---	5
6	---	---	---	---	---	---	0 157	0 003	0 024	0 276	---	---	6
7	---	---	---	---	---	---	0 183	0 003	0 260	0 270	---	---	7
8	---	---	---	---	---	---	0 104	0 007	0 168	0 266	---	---	8
9	---	---	---	---	---	---	0 103	0 005	0 083	0 256	---	---	9
10	---	---	---	---	---	---	0 078	0 003	0 150	0 260	---	---	10
11	---	---	---	---	---	---	0 085	0 003	0 124	0 274	---	---	11
12	---	---	---	---	---	---	0 046	0 003	0 126	0 262	---	---	12
13	---	---	---	---	---	---	0 061	0 003	0 115	0 242	---	---	13
14	---	---	---	---	---	---	0 083	0 005	0 090	0 239	---	---	14
15	---	---	---	---	---	---	0 058	0 007	0 080	0 246	---	---	15
16	---	---	---	---	---	---	0 029	0 002	0 085	0 238	---	---	16
17	---	---	---	---	---	---	0 084	0 004	0 087	0 250	---	---	17
18	---	---	---	---	---	---	0 078	0 003	0 074	0 241	---	---	18
19	---	---	---	---	---	---	0 032	0 003	0 183	0 220	---	---	19
20	---	---	---	---	---	0 140A	0 037	0 002	0 284	0 224	---	---	20
21	---	---	---	---	---	0 178	0 051	0 002	0 503	0 2198	---	---	21
22	---	---	---	---	---	0 172	0 053	0 002	0 548	0 2618	---	---	22
23	---	---	---	---	---	0 186	0 034	0 004	0 543	0 2678	---	---	23
24	---	---	---	---	---	0 083	0 027	0 003	0 501	0 2828	---	---	24
25	---	---	---	---	---	0 104	0 024	0 008	0 483	0 2848	---	---	25
26	---	---	---	---	---	0 164	0 028	0 010	0 444	0 2738	---	---	26
27	---	---	---	---	---	0 100	0 024	0 005	0 422	0 2328	---	---	27
28	---	---	---	---	---	0 133	0 007	0 004	0 401	0 1988	---	---	28
29	---	---	---	---	---	0 092	0 008	0 005	0 397	0 1588	---	---	29
30	---		---	---	---	0 217	0 007	0 005	0 391	0 1338	---	---	30
31	---		---		---		0 008	0 004		0 1338		---	31
TOTAL	---	---	---	---	---	---	1 882	0 127	8 508	7 913	---	---	TOTAL
MEAN	---	---	---	---	---	---	0 061	0 004	0 217	0 255	---	---	MEAN
MAX	---	---	---	---	---	---	0 183	0 010	0 548	0 384	---	---	MAX
MIN	---	---	---	---	---	---	0 007	0 002	0 002	0 133	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 21 N
LONG 114 45 41 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	183
FEB	---	AUG	11 0
MAR	---	SEP	582
APR	---	OCT	684
MAY	---	NOV	---
JUN	---	DEC	---

TOUGH CREEK NEAR BEAZER - STATION NO 05AE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 068	0 072	0 064	---	0 012	0 012	---	---	1
2	---	---	---	---	0 076	0 081	0 052	---	0 012	0 012	---	---	2
3	---	---	---	---	0 086	0 073	0 054	---	0 011	0 012	---	---	3
4	---	---	---	---	0 077	0 085	0 049	---	0 012	0 012	---	---	4
5	---	---	---	---	0 077	0 071	0 035	---	0 012	0 012	---	---	5
6	---	---	---	---	0 087	0 060	0 032	---	0 012	0 012	---	---	6
7	---	---	---	---	0 078	0 068	0 035	---	0 012	0 012	---	---	7
8	---	---	---	---	0 093	0 068	0 032	---	0 012	0 012	---	---	8
9	---	---	---	---	0 088	0 108	0 032	---	0 012	0 012	---	---	9
10	---	---	---	---	0 093	0 118	0 033	---	0 012	0 012	---	---	10
11	---	---	---	0 022A	0 091	0 093	0 030	---	0 012	0 012	---	---	11
12	---	---	---	0 022	0 091	0 074	0 026	---	0 012	0 012	---	---	12
13	---	---	---	0 020	0 061	0 079	0 030	---	0 011	0 012	---	---	13
14	---	---	---	0 022	0 101	0 089	0 030	---	0 011	0 012	---	---	14
15	---	---	---	0 030	0 131	0 089	0 029	---	0 011	0 012	---	---	15
16	---	---	---	0 068	0 238	0 077	0 029	---	0 011	0 013	---	---	16
17	---	---	---	0 106	0 184	0 058	0 030	---	0 011	0 013	---	---	17
18	---	---	---	0 173	0 148	0 042	0 029	---	0 011	0 013	---	---	18
19	---	---	---	0 195	0 110	0 043	0 027	---	0 011	0 013	---	---	19
20	---	---	---	0 348	0 138	0 [illegible]27	0 027	---	0 011	0 013	---	---	20
21	---	---	---	0 234	0 125	0 144	0 027	---	0 011	0 012	---	---	21
22	---	---	---	0 200	0 104	0 206	0 026	0 012A	0 011	0 012	---	---	22
23	---	---	---	0 154	0 091	0 155	0 027	0 012	0 011	0 013	---	---	23
24	---	---	---	0 115	0 100	0 116	0 026	0 012	0 011	0 013	---	---	24
25	---	---	---	0 098	0 115	0 121	0 026	0 012	0 011	0 013	---	---	25
26	---	---	---	0 080	0 122	0 106	0 027A	0 011	0 011	0 014	---	---	26
27	---	---	---	0 078	0 131	0 100	---	0 011	0 011	0 013	---	---	27
28	---	---	---	0 078	0 088	0 078	---	0 012	0 011	0 014	---	---	28
29	---	---	---	0 080	0 085	0 078	---	0 012	0 012	0 014A	---	---	29
30	---		---	0 081	0 081	0 078	---	0 012	0 012	0 014E	---	---	30
31	---		---		0 081		---	0 012		0 014E		---	31
TOTAL	---	---	---	---	3 270	2 788	---	---	0 343	0 391	---	---	TOTAL
MEAN	---	---	---	---	0 105	0 093	---	---	0 011	0 013	---	---	MEAN
MAX	---	---	---	---	0 238	0 206	---	---	0 012	0 014	---	---	MAX
MIN	---	---	---	---	0 068	0 037	---	---	0 011	0 012	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0 308 ON JUN 22

MAXIMUM INSTANTANEOUS,
0 385 AT 02 30 MST ON APR 20

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 00 N
LONG 113 32 00 W
DRAINAGE AREA, 38 8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	28 6
APR	---	OCT	33 8
MAY	283	NOV	---
JUN	241	DEC	---

TRAPP CREEK NEAR LONGVIEW - STATION NO. 08BL027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 438	1 60	1 75	0 584	0 395	0 388	---	---	1
2	---	---	---	---	0 458	1 32	1 87	0 565	0 397	0 376	---	---	2
3	---	---	---	---	0 488	1 36	1 46	0 558	0 388	0 403	---	---	3
4	---	---	---	---	0 463	1 39	1 37	0 552	0 392	0 411	---	---	4
5	---	---	---	---	0 470	1 56	1 32	0 557	0 386	0 420	---	---	5
6	---	---	---	---	0 472	1 77	1 28	0 526	0 398	0 425	---	---	6
7	---	---	---	---	0 454	1 83	1 18	0 515	0 380	0 431	---	---	7
8	---	---	---	---	0 479	2 32	1 11	0 501	0 388	0 421	---	---	8
9	---	---	---	---	0 547	2 30	1 04	0 486	0 388	0 423	---	---	9
10	---	---	---	---	0 542	2 14	0 993	0 489	0 408	0 428	---	---	10
11	---	---	---	---	0 541	2 57	0 957	0 482	0 395	0 437	---	---	11
12	---	---	---	---	0 544	2 69	0 942	0 474	0 400	0 430	---	---	12
13	---	---	---	---	0 572	2 72	0 914	0 458	0 411	0 427	---	---	13
14	---	---	---	---	0 969	2 74	0 868	0 465	0 391	0 416	---	---	14
15	---	---	---	---	1 94	2 83	0 840	0 457	0 375	0 417	---	---	15
16	---	---	---	---	2 90	2 51	0 808	0 451	0 380	0 413	---	---	16
17	---	---	---	---	2 27	2 31	0 788	0 441	0 370	0 401	---	---	17
18	---	---	---	---	1 81	2 09	0 745	0 440	0 384	0 375	---	---	18
19	---	---	---	---	1 79	2 01	0 745	0 439	0 365	0 3818	---	---	19
20	---	---	---	---	1 8*	1 97	0 742	0 431	0 388	0 3008	---	---	20
21	---	---	---	---	1 43	2 72	0 783	0 435	0 411	0 2908	---	---	21
22	---	---	---	---	1 25	2 93	0 734	0 424	0 397	0 2808	---	---	22
23	---	---	---	---	1 29	3 18	0 692	0 415	0 412	0 2608	---	---	23
24	---	---	---	---	1 18	2 98	0 667	0 410	0 388	0 2508	---	---	24
25	---	---	---	0 532A	1 07	2 73	0 647	0 404	0 397	0 2308	---	---	25
26	---	---	---	0 541	1 02	2 51	0 630	0 398	0 378	0 2208	---	---	26
27	---	---	---	0 471	1 01	2 41	0 623	0 417	0 387	0 2108	---	---	27
28	---	---	---	0 459	1 12	2 26	0 624	0 417	0 400	0 2008	---	---	28
29	---	---	---	0 457	1 88	2 19	0 642	0 408	0 389	0 1918	---	---	29
30	---		---	0 445	3 08	1 98	0 627	0 398	0 382	0 1808		---	30
31	---		---		2 69		0 579	0 401		0 1608		---	31
TOTAL	---	---	---	---	38 914	67 52	28 650	14 371	11 723	10 574	---	---	TOTAL
MEAN	---	---	---	---	1 19	2 25	0 924	0 464	0 391	0 341	---	---	MEAN
MAX	---	---	---	---	3 08	3 18	1 75	0 565	0 412	0 437	---	---	MAX
MIN	---	---	---	---	0 439	1 32	0 579	0 398	0 364	0 160	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 823
MAXIMUM DAILY, 3 18 ON JUN 23
MINIMUM DAILY, 0 1608 ON OCT 31
MAXIMUM INSTANTANEOUS,
4 17 AT 21 22 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 35 N
LONG 114 25 28 W
DRAINAGE AREA, 137 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 480
FEB	---	AUG	1 240
MAR	---	SEP	1 010
APR	---	OCT	914
MAY	3 190	NOV	---
JUN	5 830	DEC	---

TOTAL DISCHARGE, 14 700 dam³

TROUT CREEK NEAR CRANUM - STATION NO 08AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 058A	0 112	0 042	0 031	0	0	0	0	---	---	1
2	---	---	0 070	0 110	0 039	0 024	0	0	0	0	---	---	2
3	---	---	0 065	0 102	0 030	0 015	0	0	0	0	---	---	3
4	---	---	0 067	0 095	0 029	0 008	0	0	0	0	---	---	4
5	---	---	0 068	0 096	0 045	0 004	0	0	0	0	---	---	5
6	---	---	0 068	0 121	0 108	0	0	0	0	0	---	---	6
7	---	---	0 080	0 128	0 121	0 007	0	0	0	0	---	---	7
8	---	---	0 081	0 117	0 102	0 036	0	0	0	0	---	---	8
9	---	---	0 071	0 098	0 102	0 092	0	0	0	0	---	---	9
10	---	---	0 074	0 082	0 091	0 154	0	0	0	0	---	---	10
11	---	---	0 071E	0 073	0 072	0 090	0	0	0	0	---	---	11
12	---	---	0 065A	0 065	0 048	0 048	0	0	0	0	---	---	12
13	---	---	0 055	0 080	0 035	0 044	0	0	0	0	---	---	13
14	---	---	0 051	0 048	0 023	0 051	0	0	0	0	---	---	14
15	---	---	0 054	0 044	0 023	0 035	0	0	0	0	---	---	15
16	---	---	0 057	0 049	0 048	0 025	0	0	0	0	---	---	16
17	---	---	0 084	0 050	0 106	0 022	0	0	0	0	---	---	17
18	---	---	0 103	0 087	0 093	0 018	0	0	0	0	---	---	18
19	---	---	0 110	0 118	0 080	0 004	0	0	0	0	---	---	19
20	---	---	0 121	0 187	0 052	0 002	0	0	0	0	---	---	20
21	---	---	0 140	0 172	0 044	0 001	0	0	0	0	---	---	21
22	---	---	0 150	0 137	0 033	0 013	0	0	0	0	---	---	22
23	---	---	0 180	0 098	0 023	0 048	0	0	0	0	---	---	23
24	---	---	0 193	0 072	0 017	0 040	0	0	0	0	---	---	24
25	---	---	0 188	0 047	0 018	0 023	0	0	0	0	---	---	25
26	---	---	0 189	0 060	0 018	0 016	0	0	0	0	---	---	26
27	---	---	0 154	0 081	0 037	0 008	0	0	0	0	---	---	27
28	---	---	0 143	0 048	0 066	0 001	0	0	0	0	---	---	28
29	---	0 042A	0 124	0 048	0 072	0	0	0	0	0A	---	---	29
30	---		0 135	0 042	0 059	0	0	0	0	0E	---	---	30
31	---		0 129		0 037		0	0		0E		---	31
TOTAL	---	---	3 216	2 508	1 894	0 888	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 104	0 087	0 055	0 029	0	0	0	0	---	---	MEAN
MAX	---	---	0 193	0 172	0 121	0 154	0	0	0	0	---	---	MAX
MIN	---	---	0 054	0 042	0 017	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 034
MAXIMUM DAILY, 0 193 ON MAR 24
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
0 198 AT 08 10 MST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 56 35 N
LONG 113 41 07 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	278	SEP	0
APR	235	OCT	0
MAY	166	NOV	---
JUN	78 0	DEC	---

TOTAL DISCHARGE, 724 dam³

TWELVE MILE COULEE SPILLWAY NEAR CARSELAND - STATION NO 05BN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0	0 117	0 171	0 188	0 231	0	0 0708	---	1
2	---	---	---	---	0	0 115	0 186	0 200	0 335	0 014	0 0658	---	2
3	---	---	---	---	0	0 113	0 208	0 186	0 334	0 035	0 0608	---	3
4	---	---	---	---	0	0 031	0 186	0 254	0 330	0 047	0 0558	---	4
5	---	---	---	---	0	0 105	0 219	0 087	0 323	0 056	0 0458	---	5
6	---	---	---	---	0	0 107	0 238	0 038	0 386	0 081	0 0438	---	6
7	---	---	---	---	0	0 138	0 268	0 080	0 354	0 069	0 0378	---	7
8	---	---	---	---	0	0 254	0 274	0 163	0 335	0 081	0 0308	---	8
9	---	---	---	---	0	0 373	0 280	0 230	0 330	0 251	0 0238	---	9
10	---	---	---	---	0	0 541	0 259	0 215	0 244	0 116	0 0208	---	10
11	---	---	---	---	0	0 517	0 278	0 235	0 042	0 054	0 0178	---	11
12	---	---	---	---	0 104	0 488	0 282	0 259	0 023	0 051	0 0148	---	12
13	---	---	---	---	0 113	0 350	0 288	0 280	0 004	0 040	0 0118	---	13
14	---	---	---	---	0 087	0 157	0 290	0 235	0 003	0 040	0 0088	---	14
15	---	---	---	---	0 084	0 154	0 282	0 229	0	0 049	0 0058	---	15
16	---	---	---	---	0 127	0 157	0 304	0 202	0	0 056	0 B	---	16
17	---	---	---	---	0 131	0 163	0 277	0 203	0 E	0 052	0 B	---	17
18	---	---	---	---	0 138	0 148	0 281	0 252	0 E	0 0588	0 B	---	18
19	---	---	---	---	0 188	0 161	0 257	0 252	0 E	0 0588	0 B	---	19
20	---	---	---	---	0 181	0 187	0 258	0 217	0 002E	0 0548	0 B	---	20
21	---	---	---	---	0 140	0 218	0 310	0 218	0 015E	0 0608	0 B	---	21
22	---	---	---	---	0 119	0 287	0 287	0 190	0 030E	0 0708	0 B	---	22
23	---	---	---	---	0 125	0 233	0 259	0 220	0 045E	0 0808	0 B	---	23
24	---	---	---	---	0 150	0 228	0 281	0 195	0 020E	0 0858	0 B	---	24
25	---	---	---	---	0 180	0 205	0 249	0 231	0 001A	0 0928	0 B	---	25
26	---	---	---	---	0 167	0 245	0 281	0 258	0 001A	0 0918	0 B	---	26
27	---	---	---	0A	0 140	0 208	0 258	0 288	0	0 0908	0 B	---	27
28	---	---	---	0	0 125	0 190	0 234	0 269	0	0 0898	0 B	---	28
29	---	---	---	0	0 106	0 184	0 287	0 314	0	0 0898	0 B	---	29
30	---		---	0	0 105	0 178	0 287	0 319	0	0 0888	0 B	---	30
31	---		---		0 135		0 287	0 336		0 0808		---	31
TOTAL	---	---	---	---	2 533	6 712	7 578	6 806	3 458	2 186	0 907	---	TOTAL
MEAN	---	---	---	---	0 081	0 224	0 257	0 220	0 115	0 071	0 017	---	MEAN
MAX	---	---	---	---	0 188	0 541	0 310	0 328	0 386	0 251	0 070	---	MAX
MIN	---	---	---	---	0	0 081	0 171	0 038	0	0	0	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 161
MAXIMUM DAILY, 0 541 ON JUN 10
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 26 N
LONG 113 34 26 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	589
FEB	---	AUG	558
MAR	---	SEP	299
APR	---	OCT	189
MAY	218	NOV	43 8
JUN	580	DEC	---

TOTAL DISCHARGE, 2 560 dam³

TWELVE MILE CREEK NEAR CECIL - STATION NO 05BN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 004E	3 87	3 43	5 77	3 04	0 145	---	---	1
2	---	---	---	---	0 003E	3 86	4 10	7 28	3 19	0 157	---	---	2
3	---	---	---	---	0 003E	3 81	3 84	7 37	3 46	0 143	---	---	3
4	---	---	---	---	0 003E	4 32	4 02	6 86	3 42	0 099	---	---	4
5	---	---	---	---	0 003E	4 69	4 06	5 39	3 40	0 231	---	---	5
6	---	---	---	---	0 002E	4 79	3 93	5 71	2 36	0 724	---	---	6
7	---	---	---	---	0 003E	4 68	4 87	5 33	4 87	1 86	---	---	7
8	---	---	---	---	0 003E	5 18	4 65	5 08	4 28	2 26	---	---	8
9	---	---	---	---	0 004E	5 33	4 59	4 68	3 87	2 84	---	---	9
10	---	---	---	---	0 185A	5 01	4 80	4 59	3 84	2 89	---	---	10
11	---	---	---	---	0 341	5 85	4 94	4 73	3 75	3 05	---	---	11
12	---	---	---	---	0 850	7 45	4 87	4 29	3 80	2 81	---	---	12
13	---	---	---	---	0 594	7 18	4 84	4 28	3 30	2 78	---	---	13
14	---	---	---	---	0 775	6 58	4 87	4 82	2 80	4 34	---	---	14
15	---	---	---	---	1 09	5 63	4 91	4 29	1 78	3 68	---	---	15
16	---	---	---	---	1 28	5 23	5 05	4 23	1 84	3 78	---	---	16
17	---	---	---	---	1 72	4 75	5 22	3 89	1 02	3 28	---	---	17
18	---	---	---	0 001A	2 27	4 63	5 35	4 24	0 867	2 30	---	---	18
19	---	---	---	0 030A	1 43	4 84	5 12	4 11	0 991	1 90	---	---	19
20	---	---	---	0 039	2 48	4 78	5 18	4 26	0 830	2 33	---	---	20
21	---	---	---	0 023	2 71	4 82	5 28	4 21	0 572	1 36	---	---	21
22	---	---	---	0 007A	2 70	5 28	5 21	3 88	0 704	1 03	---	---	22
23	---	---	---	0 008A	2 70	5 28	5 08	4 14	0 341	0 829	---	---	23
24	---	---	---	0 005E	2 83	7 06	5 08	4 16	0 351	0 884	---	---	24
25	---	---	---	0 004E	3 46	7 83	5 21	3 99	0 248	0 497	---	---	25
26	---	---	---	0 238A	3 34	7 38	5 34	3 99	0 212	0 4158	---	---	26
27	---	---	---	0 075	3 81	6 08	5 17	3 81	0 212	0 3408	---	---	27
28	---	---	---	0 011	3 88	4 38	5 00	3 95	0 164	0 2458	---	---	28
29	---	---	---	0 008A	3 82	3 03	4 82	4 01	0 136	0 2108	---	---	29
30	---	---	---	0 008E	3 40	1 44	5 21	3 89	0 160	0 1858	---	---	30
31	---		---	0 008E	3 22	2 48	5 80	3 48	0 141	0 1608		---	31
TOTAL	---	---	---	---	2 58		6 28	3 21					
MEAN	---	---	---	---	48 883	155 47	151 18	145 51	58 435	47 705	---	---	TOTAL
MAX	---	---	---	---	1 82	5 18	4 88	4 69	1 95	1 54	---	---	MEAN
MIN	---	---	---	---	3 86	7 83	5 28	7 37	4 87	4 34	---	---	MAX
	---	---	---	---	0 002	1 44	3 43	3 21	0 138	0 095	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 25
MAXIMUM DAILY, 7 83 ON JUN 24
MINIMUM DAILY, 0 002E ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 00 N
LONG 111 40 00 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 100
FEB	---	AUG	12 800
MAR	---	SEP	5 050
APR	---	OCT	4 120
MAY	4 060	NOV	---
JUN	13 400	DEC	---

TOTAL DISCHARGE, 52 300 dam³

TWIN CREEK NEAR SEEBE - STATION NO. 05BF018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004	0.004	0.004	0.003	0.005	0.084	0.172	0.032	0.019	0.018	0.014	0.009	1
2	0.005	0.004	0.004	0.003	0.005	0.067	0.146	0.032	0.019	0.019	0.014	0.008	2
3	0.005	0.004	0.004	0.003	0.005	0.058	0.126	0.031	0.019	0.022	0.014	0.008	3
4	0.005	0.004	0.004	0.003	0.005	0.052	0.116	0.030	0.018	0.024	0.014	0.008	4
5	0.007	0.004	0.004	0.003	0.005	0.071	0.108	0.030	0.018	0.024	0.013	0.008	5
6	0.005	0.004	0.004	0.003	0.005	0.112	0.108	0.030	0.018	0.024	0.013	0.008	6
7	0.005	0.004	0.004	0.003	0.005	0.134	0.098	0.029	0.018	0.027	0.013	0.009	7
8	0.006	0.004	0.004	0.003	0.005	0.187	0.091	0.026	0.018	0.030	0.013	0.008	8
9	0.005	0.004	0.004	0.003	0.005	0.174	0.084	0.027	0.017	0.032	0.012	0.008	9
10	0.005	0.004	0.004	0.003	0.005	0.151	0.078	0.027	0.017	0.041	0.012	0.008	10
11	0.005	0.004	0.004	0.003	0.005	0.146	0.074	0.026	0.018	0.043	0.012	0.008	11
12	0.005	0.004	0.004	0.003	0.005	0.179	0.071	0.025	0.019	0.039	0.012	0.008	12
13	0.005	0.004	0.004	0.003	0.006	0.219	0.067	0.026	0.018	0.035	0.012	0.008	13
14	0.005	0.004	0.004	0.003	0.010	0.270	0.063	0.025	0.018	0.033	0.011	0.008	14
15	0.005	0.004	0.004	0.004	0.015	0.298	0.059	0.024	0.018	0.031	0.011	0.007	15
16	0.005	0.004	0.004	0.005	0.025	0.316	0.056	0.023	0.018	0.030	0.011	0.007	16
17	0.005	0.004	0.004	0.008	0.023	0.279	0.053	0.022	0.018	0.027	0.011	0.007	17
18	0.005	0.004	0.004	0.008	0.022	0.235	0.051	0.022	0.017	0.022	0.011	0.007	18
19	0.004	0.004	0.004	0.007	0.024	0.213	0.048	0.023	0.017	0.023	0.011	0.007	19
20	0.004	0.004	0.004	0.007	0.026	0.198	0.046	0.022	0.020	0.028	0.010	0.007	20
21	0.004	0.004	0.004	0.008	0.025	0.183	0.049	0.021	0.022	0.025	0.010	0.007	21
22	0.004	0.004	0.004	0.008	0.026	0.185	0.044	0.020	0.021	0.023	0.010	0.007	22
23	0.004	0.004	0.004	0.008	0.025	0.156	0.042	0.020	0.021	0.022	0.010	0.007	23
24	0.004	0.004	0.003	0.007	0.024	0.170	0.040	0.018	0.018	0.021	0.010	0.007	24
25	0.004	0.004	0.003	0.006	0.023	0.187	0.038	0.019	0.020	0.020	0.010	0.007	25
26	0.004	0.004	0.003	0.005	0.021	0.186	0.037	0.018	0.020	0.019	0.009	0.007	26
27	0.004	0.004	0.003	0.005	0.022	0.197	0.036	0.024	0.018	0.018	0.009	0.006	27
28	0.004	0.004	0.003	0.005	0.025	0.199	0.034	0.022	0.018	0.017	0.009	0.006	28
29	0.004	0.004	0.003	0.005	0.078	0.220	0.034	0.021	0.018	0.016	0.009	0.006	29
30	0.004		0.003	0.005	0.102	0.207	0.036	0.020	0.018	0.016	0.009	0.006	30
31	0.004		0.003		0.140		0.033	0.020		0.015		0.008	31
TOTAL	0.147	0.116	0.116	0.147	0.724	5.313	2.139	0.758	0.557	0.785	0.339	0.229	TOTAL
MEAN	0.005	0.004	0.004	0.005	0.023	0.177	0.069	0.024	0.019	0.025	0.011	0.007	MEAN
MAX	0.007	0.004	0.004	0.008	0.140	0.316	0.172	0.032	0.022	0.043	0.014	0.009	MAX
MIN	0.004	0.004	0.003	0.003	0.005	0.052	0.033	0.018	0.017	0.015	0.009	0.006	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.031
MAXIMUM DAILY, 0.316 ON JUN 16
MINIMUM DAILY, 0.003 ON MAR 24
MAXIMUM INSTANTANEOUS,
0.339 AT 01:15 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 33 N
LONG 115 10 19 W
DRAINAGE AREA, 2.64 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12.7	JUL	185
FEB	10.0	AUG	65.5
MAR	10.0	SEP	48.1
APR	12.7	OCT	67.8
MAY	82.6	NOV	29.3
JUN	459	DEC	19.8

TOTAL DISCHARGE, 983 dam³

TYRRELL LAKE OUTFLOW NEAR DAYTON - STATION NO. 05AF031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0048	0.005	0.002	0	0	0	0	0.013	---	---	1
2	---	---	0.0068	0.004	0.002	0	0	0	0	0.014	---	---	2
3	---	---	0.0089	0.005	0.002	0	0	0.004	0	0.015	---	---	3
4	---	---	0.0068	0.004	0.002	0	0	0.004	0	0.013	---	---	4
5	---	---	0.0088	0.004	0.004	0	0	0.003	0	0.015	---	---	5
6	---	---	0.0098	0.005	0.006	0	0	0.003	0	0.015	---	---	6
7	---	---	0.0108	0.005	0.004	0	0	0.002	0	0.015	---	---	7
8	---	---	0.0138	0.005	0.004	0	0	0.002	0	0.013	---	---	8
9	---	---	0.0118	0.004	0.003	0	0	0.001	0	0.010	---	---	9
10	---	---	0.0148	0.003	0.003	0	0	0	0	0.008	---	---	10
11	---	---	0.011	0.003	0.003	0	0	0	0	0.007	---	---	11
12	---	---	0.013	0.003	0.002	0	0	0	0	0.010	---	---	12
13	---	---	0.008	0.003	0.003	0	0	0	0	0.009	---	---	13
14	---	---	0.007	0.002	0.002	0	0	0	0	0.007	---	---	14
15	---	---	0.008	0.002	0.003	0	0	0	0	0.005	---	---	15
16	---	---	0.007	0.001	0.003	0	0	0	0	0.004	---	---	16
17	---	---	0.008	0	0.003	0	0	0	0	0.003	---	---	17
18	---	---	0.009	0	0.002	0	0	0	0	0.003	---	---	18
19	---	---	0.011	0.002	0.002	0	0	0	0	0.003	---	---	19
20	---	---	0.018	0.003	0.001	0	0	0	0	0.003	---	---	20
21	---	---	0.032	0.003	0	0.001	0	0	0	0.003	---	---	21
22	---	---	0.032	0.003	0	0.004	0	0	0	0.002	---	---	22
23	---	---	0.034	0.003	0	0.007	0	0	0	0.0028	---	---	23
24	---	---	0.028	0.002	0	0.005	0	0	0	0.0028	---	---	24
25	---	---	0.018	0.003	0	0.002	0	0	0.002	0.0028	---	---	25
26	---	---	0.022	0.003	0	0	0	0	0.008	0.0028	---	---	26
27	---	0.0038	0.021	0.003	0	0	0	0	0.009	0.0028	---	---	27
28	---	0.0038	0.014	0.002	0	0	0	0	0.011	0.0028	---	---	28
29	---	0.0048	0.017	0.003	0	0	0	0	0.011	0.0028	---	---	29
30	---		0.008	0.003	0		0	0	0.013	0.0028	---	---	30
31	---		0.006		0		0	0		0.0028		---	31
TOTAL	---	---	0.419	0.092	0.056	0.019	0	0.019	0.084	0.208	---	---	TOTAL
MEAN	---	---	0.014	0.003	0.002	0.001	0	0.001	0.002	0.007	---	---	MEAN
MAX	---	---	0.034	0.008	0.008	0.007	0	0.004	0.013	0.015	---	---	MAX
MIN	---	---	0.004	0	0	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.034 ON MAR 23
MINIMUM DAILY, 0 ON APR 17
MAXIMUM INSTANTANEOUS,
0.049 AT 21:05 MST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 57 N
LONG 112 10 40 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	1.84
MAR	36.2	SEP	4.67
APR	7.95	OCT	18.0
MAY	4.84	NOV	---
JUN	1.84	DEC	---

TOTAL DISCHARGE, 74.9 dam³

UNITED IRRIGATION DISTRICT CANAL NEAR HILL SPRING - STATION NO. 05AD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	2 56	2 04	2 36	1 71	1 48	08	---	1
2	---	---	---	0	0	2 38	1 84	2 35	1 81	1 47	08	---	2
3	---	---	---	0	0	2 28	2 32	2 25	1 42	1 48	08	---	3
4	---	---	---	0	0	2 63	2 85	1 87	1 30	1 49	08	---	4
5	---	---	---	0	0	2 70	2 82	1 63	1 17	1 50	08	---	5
6	---	---	---	0	0	2 72	2 80	1 04	1 28	1 48	08	---	6
7	---	---	---	0	0 898	2 72	2 77	1 05	1 92	1 45	08	---	7
8	---	---	---	0	1 34	2 30	2 73	1 50	1 91	1 45	08	---	8
9	---	---	---	0	1 34	2 34	2 79	1 93	1 94	1 44	08	---	9
10	---	---	---	0	1 37	2 51	2 85	1 94	1 87	1 44	08	---	10
11	---	---	---	0	1 48	2 48	2 80	1 98	1 78	1 45	08	---	11
12	---	---	---	0	1 57	2 54	2 81	1 85	1 70	1 44	08	---	12
13	---	---	---	0	1 41	2 85	2 90	1 95	1 68	1 37	08	---	13
14	---	---	---	0	1 42	3 00	3 04	1 47	1 60	1 31	08	---	14
15	---	---	---	0	1 44	3 14	3 01	1 15	1 16	0 567	08	---	15
16	---	---	---	0	1 56	3 25	2 87	1 15	1 52	0 054	08	---	16
17	---	---	---	0	1 73	3 32	2 98	1 14	1 50	0	08	---	17
18	---	---	---	0	1 71	3 32	3 07	1 13	1 50	0	08	---	18
19	---	---	---	0	1 70	3 28	3 22	1 10	1 51	0	08	---	19
20	---	---	---	0	1 74	3 02	3 19	1 53	1 53	0	08	---	20
21	---	---	---	0	1 72	2 24	3 15	1 86	1 35	0	08	---	21
22	---	---	---	0	2 11	1 37	3 10	1 83	1 23	0	08	---	22
23	---	---	---	0	2 39	1 35	3 01	1 95	0 593	0	08	---	23
24	---	---	---	0	2 37	1 34	2 92	1 96	0 149	0	08	---	24
25	---	---	---	0	2 34	1 33	2 88	1 96	0 144	0	08	---	25
26	---	---	---	0	2 31	1 62	2 87	1 93	0 142	0 B	08	---	26
27	---	---	0A	0	2 28	2 14	2 84	1 91	0 140	0 B	08	---	27
28	---	---	0	0	2 29	2 15	3 00	1 83	1 02	0 B	08	---	28
29	---	---	0	0	2 32	2 12	3 00	1 87	1 47	0 B	08	---	29
30	---		0	0	2 66	2 09	2 75	1 48	1 47	0 B	08	---	30
31	---		0		2 85		2 41	1 47		0 B		---	31
TOTAL	---	---	---	0	46 358	73 19	87 93	52 32	39 718	20 891	0	---	TOTAL
MEAN	---	---	---	0	1 50	2 44	2 84	1 69	1 32	0 674	0	---	MEAN
MAX	---	---	---	0	2 85	3 32	3 22	2 36	1 94	1 50	0	---	MAX
MIN	---	---	---	0	0	1 33	1 84	1 04	0 140	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 31
MAXIMUM DAILY, 3 32 ON JUN 17
MINIMUM DAILY, 0 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 113 37 56 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 600
FEB	---	AUG	6 520
MAR	---	SEP	3 430
APR	0	OCT	1 800
MAY	4 010	NOV	0
JUN	6 320	DEC	---

TOTAL DISCHARGE 27 700 dam³

UNNAMED CREEK NEAR FORT MACKAY - STATION NO. 07DA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 063E	0 170E	0 416	---	---	0 900E	0 416	0 392	0 200E	---	1
2	---	---	0 063E	0 180E	0 433	---	---	0 800E	0 649	0 405	0 195E	---	2
3	---	---	0 063E	0 180E	0 424	---	---	0 750E	0 801	0 405	0 190E	---	3
4	---	---	0 063E	0 185E	0 280	---	---	0 700E	0 756	0 385	0 185E	---	4
5	---	---	0 063E	0 170E	0 303	---	---	0 700E	0 643	0 400	0 183E	---	5
6	---	---	0 063E	0 135E	0 249	---	---	0 720E	0 851	0 375	0 181E	---	6
7	---	---	0 063E	0 135E	0 176	---	---	0 680E	0 632	0 352	0 181E	---	7
8	---	---	0 063E	0 140E	0 108	---	---	0 700E	0 620	0 353	0 181E	---	8
9	---	---	0 063E	0 175E	0 080	---	---	0 950E	0 718	0 349	0 181E	---	9
10	---	---	0 063E	0 210E	0 079	---	---	1 48 A	0 756	0 325	---	---	10
11	---	---	0 063E	0 230E	0 081	---	---	1 17	0 787	0 321	---	---	11
12	---	---	0 063E	0 280E	0 052	---	---	0 847	0 787	0 542	---	---	12
13	---	---	0 063E	0 300E	0 038	---	---	1 83	0 776	0 828	---	---	13
14	---	---	0 063E	0 500E	0 031	---	---	2 85	0 719	0 745	---	---	14
15	---	---	0 063E	0 800E	0 040	---	---	3 03	0 645	0 648	---	---	15
16	---	---	0 063E	1 24 B	0 056	---	---	2 45	0 626	0 607	---	---	16
17	---	---	0 063E	1 04 B	0 071	---	---	1 81	0 602	1 05	---	---	17
18	---	---	0 063E	1 21 B	0 111	---	---	1 51	0 533	2 10	---	---	18
19	---	---	0 065E	1 23 B	0 188	---	---	1 31	0 483	2 22	---	---	19
20	---	---	0 067E	1 25 B	0 568	---	---	1 04	0 453	2 05	---	---	20
21	---	---	0 068E	1 18 B	0 916	---	---	0 858	0 434	1 87	---	---	21
22	---	---	0 073E	1 28 B	1 31 A	---	---	0 736	0 410	1 64	---	---	22
23	---	---	0 077E	1 38	1 26 E	---	---	0 682	0 403	1 41	---	---	23
24	---	---	0 083E	1 36	1 23 E	---	---	0 589	0 421	1 00 B	---	---	24
25	---	---	0 090E	1 13	0 988E	---	---	0 503	0 438	0 900B	---	---	25
26	---	---	0 097E	0 961	0 827E	---	---	0 433	0 430	0 700B	---	---	26
27	---	---	0 107E	0 801	0 708E	---	---	0 374	0 426	0 600B	---	---	27
28	---	---	0 120E	0 639	0 612E	---	---	0 412	0 419	0 300B	---	---	28
29	---	---	0 133E	0 531	0 529E	---	---	0 429	0 392	0 275B	---	---	29
30	---		0 145E	0 585	0 453E	---	---	0 374	0 385	0 260B	---	---	30
31	---		0 155E		0 476E		---	0 375		0 225B		---	31
TOTAL	---	---	2 415	18 607	13 092	---	---	32 174	17 209	23 819	---	---	TOTAL
MEAN	---	---	0 078	0 854	0 422	---	---	1 04	0 574	0 772	---	---	MEAN
MAX	---	---	0 155	1 38	1 31	---	---	3 03	0 801	2 22	---	---	MAX
MIN	---	---	0 063	0 135	0 031	---	---	0 374	0 385	0 225	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 39 41 N
LONG 111 31 11 W
DRAINAGE AREA, 274 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	2 780
MAR	208	SEP	1 490
APR	1 590	OCT	2 070
MAY	1 130	NOV	---
JUN	---	DEC	---

UPPER KANANASKIS LAKE - STATION NO 05BF005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1692.07	1689.54	1688.74	1688.47	1688.53	1689.23	1693.01	1697.07	1699.14	1699.60	1698.99	1696.79	1
2	1692.01	1689.45	1688.71	1688.47	1688.53	1689.26	1693.18	1697.19	1699.11	1699.63	1698.96	1696.73	2
3	1691.88	1689.38	1688.71	1688.47	1688.53	1689.29	1693.29	1697.31	1699.05	1699.66	1698.99	1696.61	3
4	1691.88	1689.38	1688.74	1688.47	1688.56	1689.35	1693.41	1697.43	1699.02	1699.60	1698.99	1696.49	4
5	1691.79	1689.35	1688.71	1688.47	1688.56	1689.41	1693.56	1697.58	1698.99	1699.53	1698.92	1696.43	5
6	1691.70	1689.26	1688.71	1688.47	1688.56	1689.45	1693.71	1697.74	1698.89	1699.50	1698.86	1696.30	6
7	1691.64	1689.20	1688.68	1688.44	1688.59	1689.54	1693.83	1697.83	1698.86	1699.53	1698.77	1696.21	7
8	1691.52	1689.11	1688.68	1688.44	1688.59	1689.66	1693.86	1697.92	1699.02	1699.50	1698.68	1696.12	8
9	1691.43	1689.02	1688.65	1688.41	1688.59	1689.75	1694.08	1698.07	1699.08	1699.47	1698.62	1696.08	9
10	1691.34	1688.96	1688.65	1688.41	1688.62	1689.81	1694.17	1698.19	1699.05	1699.44	1698.56	1698.00	10
11	1691.27	1688.96	1688.65	1688.41	1688.62	1689.90	1694.32	1698.32	1699.08	1699.44	1698.53	1695.94	11
12	1691.15	1688.86	1688.65	1688.41	1688.62	1689.98	1694.44	1698.44	1699.08	1699.38	1698.50	1695.82	12
13	1691.06	1688.83	1688.65	1688.38	1688.62	1690.12	1694.60	1698.53	1699.05	1699.35	1698.41	1695.72	13
14	1690.97	1688.83	1688.65	1688.38	1688.62	1690.27	1694.72	1698.62	1699.05	1699.32	1698.38	1695.63	14
15	1690.88	1688.90	1688.65	1688.41	1688.65	1690.42	1694.84	1698.71	1699.05	1699.32	1698.25	1695.54	15
16	1690.79	1688.87	1688.62	1688.41	1688.68	1690.60	1694.98	1698.77	1699.05	1699.26	1698.16	1695.48	16
17	1690.66	1688.87	1688.62	1688.41	1688.71	1690.75	1695.15	1698.83	1699.08	1699.26	1698.10	1695.36	17
18	1690.57	1688.87	1688.62	1688.41	1688.74	1690.88	1695.27	1698.89	1699.08	1699.29	1698.04	1695.24	18
19	1690.48	1688.87	1688.62	1688.44	1688.77	1691.00	1695.42	1698.92	1699.14	1699.32	1697.95	1695.15	19
20	1690.42	1688.87	1688.59	1688.44	1688.81	1691.15	1695.57	1698.89	1699.20	1699.32	1697.86	1695.05	20
21	1690.36	1688.84	1688.59	1688.44	1688.81	1691.27	1695.69	1698.86	1699.26	1699.32	1697.77	1694.96	21
22	1690.27	1688.84	1688.56	1688.47	1688.84	1691.40	1695.75	1698.83	1699.29	1699.32	1697.68	1694.84	22
23	1690.21	1688.84	1688.53	1688.47	1688.87	1691.52	1695.81	1698.77	1699.35	1699.29	1697.55	1694.75	23
24	1690.12	1688.84	1688.53	1688.47	1688.87	1691.87	1695.90	1698.80	1699.38	1699.26	1697.48	1694.65	24
25	1690.12	1688.81	1688.53	1688.50	1688.90	1691.82	1696.12	1698.83	1699.41	1699.26	1697.40	1694.57	25
26	1690.06	1688.84	1688.50	1688.50	1688.93	1692.01	1696.24	1698.89	1699.47	1699.26	1697.31	1694.47	26
27	1689.99	1688.81	1688.50	1688.50	1688.96	1692.18	1696.39	1698.89	1699.50	1699.26	1697.19	1694.38	27
28	1689.90	1688.77	1688.50	1688.50	1688.99	1692.40	1696.55	1699.05	1699.53	1699.29	1697.10	1694.29	28
29	1689.81	1688.77	1688.47	1688.50	1688.99	1692.65	1696.67	1699.14	1699.56	1699.23	1696.97	1694.20	29
30	1689.72		1688.47	1688.50	1689.08	1692.86	1696.79	1699.20	1699.63	1699.11	1696.88	1694.08	30
31	1689.63		1688.47		1689.17		1696.94	1699.20		1699.05		1693.98	31
MEAN	1690.83	1689.00	1688.61	1688.45	1688.74	1690.85	1694.93	1698.45	1699.19	1699.37	1698.13	1695.41	MEAN
MAX	1692.07	1689.54	1688.74	1688.50	1689.17	1692.86	1696.94	1699.20	1699.63	1699.66	1698.99	1696.79	MAX
MIN	1689.63	1688.77	1688.47	1688.38	1688.53	1689.23	1693.01	1697.07	1698.86	1699.05	1696.88	1693.98	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1693.50
MAXIMUM DAILY, 1699.66 ON OCT 3
MINIMUM DAILY, 1688.38 ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 37 00 N
LONG 115 07 00 W
DATA CONTRIBUTED BY -
TRANSALTA UTILITIES CORPORATION

REGULATED

DRAINAGE AREA,
151 km²

WATER LEVELS ARE REFERRED TO TRANSALTA UTILITIES DATUM
APPLY 5.383 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

UTIKUMA LAKE NEAR NIPISI - STATION NO 07JA001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	30.185	30.195	---	30.078	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	29.977	---	---	---	---	30.065	---	---	---	4
5	---	---	---	---	---	---	30.225	---	---	30.078	---	---	5
6	---	---	---	---	---	---	---	30.185	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	30.167	---	30.165	---	---	29.909	---	8
9	---	---	---	---	---	---	30.225	---	---	---	---	---	9
10	---	---	---	30.080	---	---	---	---	---	30.065	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	30.179	---	---	30.065	---	---	---	12
13	---	---	---	---	---	---	30.225	30.155	---	---	---	---	13
14	---	---	---	---	30.019	---	---	---	---	30.065	---	---	14
15	---	---	---	---	---	30.180	---	---	---	---	---	---	15
16	---	---	---	---	---	---	30.225	30.155	---	---	---	---	16
17	---	---	---	---	---	---	---	---	30.085	---	---	---	17
18	---	---	---	30.085	---	30.181	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	30.078	---	---	---	30.225	---	---	---	---	---	20
21	---	---	---	---	---	---	---	30.155	30.095	---	---	---	21
22	---	---	---	---	---	30.183	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	30.086	---	30.225	---	---	---	---	---	24
25	---	---	---	---	---	---	30.235	---	30.084	---	---	---	25
26	---	---	---	---	---	30.155	---	---	30.085	---	---	---	26
27	---	---	---	---	---	30.173	---	30.155	---	---	---	---	27
28	---	---	---	---	30.103	---	---	---	---	---	---	---	28
29	---	30.148	---	---	---	30.185	---	---	---	---	---	---	29
30	---	---	---	---	---	---	30.215	30.155	---	---	---	---	30
31	---	---	---	---	---	---	---	30.109	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 36 N
LONG 115 15 27 W

NATURAL FLOW

DRAINAGE AREA,
2 470 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

VERMILION PARK LAKE NEAR VERMILION - STATION NO 05EE003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	576.171	575.932	575.907	575.858	575.740	575.642	575.671	575.781	---	1
2	---	---	---	576.164	575.924	575.873	575.858	575.736	575.652	575.671	575.768	---	2
3	---	---	---	576.171	575.918	575.903	575.842	575.731	575.661	575.665	575.768	---	3
4	---	---	---	576.166	575.927	575.933	575.829	575.719	575.635	575.660	575.772	---	4
5	---	---	---	576.162	575.910	575.923	575.820	575.707	575.641	575.657	575.778	---	5
6	---	---	---	576.183	575.902	575.911	575.827	575.710	575.628	575.659	576.774A	---	6
7	---	---	---	576.169	575.888	575.912	575.822	575.734	575.643	575.660	---	---	7
8	---	---	---	576.176	575.887	575.917	575.827	575.733	575.645	575.661	---	---	8
9	---	---	---	576.180	575.897	575.923	575.812	575.725	575.643	575.661	---	---	9
10	---	---	---	576.179	575.903	575.944	575.807	575.723	575.641	575.658	---	---	10
11	---	---	---	576.171	575.895	575.956	575.801	575.718	575.636	575.654	---	---	11
12	---	---	575.830A	576.158	575.895	575.953	575.785	575.712	575.642	575.661	---	---	12
13	---	---	---	576.134	575.892	575.949	575.815	575.716	575.646	575.670	---	---	13
14	---	---	---	576.113	575.886	575.941	575.823	575.718	575.647	575.674	---	---	14
15	---	---	---	576.093	575.893	575.930	575.812	575.714	575.643	575.671	---	---	15
16	---	---	---	576.078	575.897	575.924	575.806	575.715	575.645	575.674	---	---	16
17	---	---	---	576.056	575.912	575.914	575.781	575.712	575.646	575.681	---	---	17
18	---	---	---	576.025	575.888	575.898	575.780	575.707	575.637	575.692	---	---	18
19	---	---	---	576.021	575.878	575.901	575.785	575.708	575.638	575.695	---	---	19
20	---	---	---	576.011	575.927	575.898	575.788	575.707	575.630	575.700	---	---	20
21	---	---	---	576.008	575.934	575.902	575.786	575.694	575.643	575.709	---	---	21
22	---	---	575.830A	576.003	575.920	575.887	575.784	575.687	575.671	575.715	---	---	22
23	---	---	575.842	575.988	575.907	575.888	575.774	575.671	575.673	575.718	---	---	23
24	---	---	575.883	575.991	575.927	575.881	575.771	575.667	575.673	575.722	---	---	24
25	---	---	575.940	575.976	575.927	575.876	575.770	575.668	575.668	575.732	---	---	25
26	---	---	576.021	575.975	575.922	575.866	575.782	575.668	575.669	575.745	---	---	26
27	---	---	576.061	575.969	575.921	575.865	575.784	575.683	575.669	575.742	---	---	27
28	---	---	576.106	575.954	575.921	575.870	575.750	575.674	575.669	575.743	---	---	28
29	---	---	576.142	575.947	575.916	575.873	575.747	575.677	575.668	575.747	---	---	29
30	---		576.162	575.941	575.905	575.877	575.743	575.647	575.665	575.749	---	---	30
31	---		576.174		575.911		575.744	575.642		575.758		---	31
MEAN	---	---	---	576.077	575.908	575.907	575.797	575.701	575.650	575.693	---	---	MEAN
MAX	---	---	---	576.180	575.934	575.956	575.858	575.740	575.673	575.758	---	---	MAX
MIN	---	---	---	576.041	575.878	575.865	575.743	575.642	575.630	575.654	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

MAXIMUM DAILY, 576.180 ON APR 9

MAXIMUM INSTANTANEOUS,
576.183 AT 16:40 MST ON APR 9

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

VERMILION RIVER DRAINAGE NEAR HOLDEN - STATION NO 05EE913

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.092	0	0.002	0	0	0	0	---	---	1
2	---	---	0 B	0.041	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.019	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.045	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.033	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.011	0	0.003	0	0	0	0	---	---	6
7	---	---	0 B	0.026	0	0.029	0	0	0	0	---	---	7
8	---	---	0 B	0.017	0	0.052	0	0	0	0	---	---	8
9	---	---	0 B	0.013	0.001	0.185	0	0	0	0	---	---	9
10	---	---	0 B	0.009	0.002	0.095	0	0	0	0	---	---	10
11	---	---	0 B	0.003	0	0.055	0	0	0	0	---	---	11
12	---	---	0 B	0.002	0	0.029	0.003	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0.012	0.015	0	0	0	---	---	13
14	---	---	0 B	0.004	0	0.002	0.009	0	0	0	---	---	14
15	---	---	0 B	0.004	0	0	0.002	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0E	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0E	---	---	17
18	---	---	0 B	0.002	0	0	0	0	0	0E	---	---	18
19	---	---	0 B	0.004	0	0	0	0	0	0E	---	---	19
20	---	---	0 B	0.010	0	0	0	0	0	0E	---	---	20
21	---	---	0 B	0.002	0	0	0	0	0	0E	---	---	21
22	---	---	0.0038	0	0	0	0	0	0.018	0E	---	---	22
23	---	---	0.0048	0	0	0	0	0	0.037	0E	---	---	23
24	---	---	0.2608	0	0	0	0	0	0.031	0E	---	---	24
25	---	---	0.2388	0	0	0	0	0	0.017	0E	---	---	25
26	---	---	0.0678	0	0	0	0	0	0.007	0E	---	---	26
27	---	---	4.0718	0	0.001	0	0	0	0.002	0E	---	---	27
28	---	---	0.1388	0	0.001	0	0	0	0	0E	---	---	28
29	---	---	0.387	0	0	0	0	0	0	0E	---	---	29
30	---		0.084	0	0	0	0	0	0	0E	---	---	30
31	---		0.092		0.006		0	0		0E		---	31
TOTAL	---	---	1.388	0.336	0.011	0.475	0.030	0	0.113	0	---	---	TOTAL
MEAN	---	---	0.044	0.011	0	0.016	0.001	0	0.004	0	---	---	MEAN
MAX	---	---	0.387	0.092	0.006	0.185	0.016	0	0.037	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.185 ON JUN 9
MINIMUM DAILY, 0 ON APR 16
MAXIMUM INSTANTANEOUS,
0.654 AT 11:07 MST ON MAR 29

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 02 N
LONG 112 24 19 W
DRAINAGE AREA, 56.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.59
FEB	---	AUG	0
MAR	119	SEP	9.76
APR	29.2	OCT	0
MAY	0.95	NOV	---
JUN	41.0	DEC	---

TOTAL DISCHARGE, 83.6 dam³

VERMILION RIVER NEAR MARWAYNE - STATION NO. 05EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.150B	15.6 B	2.49	1.03	0.406	0.096	0.002	0.148	0.041B	---	1
2	---	---	0.130B	24.6 B	2.26	1.22	0.365	0.070	0.003	0.125	0.041B	---	2
3	---	---	0.130B	20.7 B	1.95	1.27	0.326	0.052	0.002	0.114	0.041B	---	3
4	---	---	0.150B	17.2	1.69	0.987	0.303	0.050	0.002	0.111	0.040B	---	4
5	---	---	0.200B	14.4	1.61	0.992	0.317	0.097	0.002	0.145	0.040B	---	5
6	---	---	0.240B	12.7	1.54	1.39	0.328	0.088	0.002	0.136	0.039B	---	6
7	---	---	0.250B	12.2	1.31	1.42	0.289	0.108	0.002	0.127	0.039B	---	7
8	---	---	0.240B	12.1	1.13	1.50	0.280	0.091	0.004	0.118	---	---	8
9	---	---	0.230B	11.7	0.978	1.58	0.268	0.073	0.006	0.112	---	---	9
10	---	---	0.200B	11.7	0.906	1.55	0.285	0.061	0.006	0.112	---	---	10
11	---	---	0.190B	11.4	0.989	1.41	0.248	0.038	0.005	0.094	---	---	11
12	---	---	0.150B	11.2	1.00	1.50	0.190	0.022	0.010	0.081	---	---	12
13	---	---	0.131B	10.8	0.921	1.59	0.234	0.021	0.005	0.087	---	---	13
14	---	---	0.072B	10.3	0.866	1.58	0.239	0.013	0.002	0.080	---	---	14
15	---	---	0.028B	9.52	0.823	1.47	0.234	0.010	0.002	0.122	---	---	15
16	---	---	0.030B	8.84	0.784	1.35	0.258	0.010	0.002	0.238	---	---	16
17	---	---	0.030B	8.03	0.850	1.24	0.261	0.009	0.002	0.174	---	---	17
18	---	---	0.030B	7.26	1.06	1.11	0.220	0.009	0.002	0.140	---	---	18
19	---	---	0.050B	6.51	1.22	0.977	0.173	0.008	0.002	0.118	---	---	19
20	---	---	0.080B	5.95	1.00	0.889	0.141	0.007	0.002	0.094	---	---	20
21	---	---	0.100B	5.47	0.840	0.748	0.114	0.006	0.027	0.077	---	---	21
22	---	---	0.150B	5.07	1.27	0.678	0.135	0.006	0.118	0.061	---	---	22
23	---	---	0.300B	4.67	1.46	0.651	0.169	0.005	0.081	0.045A	---	---	23
24	---	---	0.400B	4.40	1.37	0.563	0.184	0.005	0.083	0.045E	---	---	24
25	---	---	0.590B	4.02	1.33	0.632	0.178	0.006	0.069	0.044E	---	---	25
26	---	---	0.800B	3.70	1.34	0.590	0.189	0.006	0.135	0.044E	---	---	26
27	---	---	1.21 B	3.49	1.29	0.578	0.163	0.006	0.159	0.043E	---	---	27
28	---	---	1.13 B	3.30	1.25	0.578	0.151	0.005	0.161	0.043E	---	---	28
29	---	---	1.99 B	3.01	1.24	0.587	0.147	0.004	0.168	0.043E	---	---	29
30	---		5.22 B	2.70	1.14	0.509	0.157	0.003	0.185	0.042E	---	---	30
31	---		11.9 B		1.01		0.138	0.002		0.042E		---	31
TOTAL	---	---	25.521	262.64	38.909	32.229	7.101	1.003	1.242	2.961	---	---	TOTAL
MEAN	---	---	0.856	9.42	1.26	1.07	0.229	0.032	0.041	0.096	---	---	MEAN
MAX	---	---	11.9	24.6	2.49	1.58	0.406	0.108	0.168	0.238	---	---	MAX
MIN	---	---	0.028	2.70	0.784	0.509	0.114	0.002	0.002	0.042	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 24.6B ON APR 2
MINIMUM DAILY, 0.002 ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 26 N
LONG 110 23 51 W
DRAINAGE AREA, 7 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	614
FEB	---	AUG	86.7
MAR	2 290	SEP	107
APR	24 400	OCT	256
MAY	3 360	NOV	---
JUN	2 780	DEC	---

TOTAL DISCHARGE, 33 900 dam³

VERMILION RIVER NEAR VEGREVILLE - STATION NO 05EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	3.64 B	0.045	0.008	0.007	0	0	0	0	---	1
2	---	---	0.003B	3.64 B	0.034	0.006	0.004	0	0	0	0	---	2
3	---	---	0.003B	3.80 B	0.029	0.005	0.003	0	0	0	0	---	3
4	---	---	0.003B	3.30 B	0.023	0.005	0.002	0	0	0	0	---	4
5	---	---	0.003B	2.68 B	0.014	0.005	0.002	0	0	0	0	---	5
6	---	---	0.003B	2.01	0.012	0.009	0.003	0A	0	0	0	---	6
7	---	---	0.003B	1.67	0.010	0.018	0.003	0E	0	0	0A	---	7
8	---	---	0.003B	1.51	0.008	0.029	0.003	0E	0	0	---	---	8
9	---	---	0.002B	1.36	0.004	0.045	0.002	0E	0	0	---	---	9
10	---	---	0.002B	1.20	0.006	0.057	0.002	0E	0	0	---	---	10
11	---	---	0.002B	0.962	0.006	0.072	0.001	0E	0	0	---	---	11
12	---	---	0.002B	0.708	0.003	0.055	0.001	0E	0	0	---	---	12
13	---	---	0.003B	0.456	0.002	0.041	0.001	0E	0	0	---	---	13
14	---	---	0.003B	0.411	0.001	0.042	0.001	0E	0	0	---	---	14
15	---	---	0.002B	0.189	0.001	0.039	0.001	0A	0	0	---	---	15
16	---	---	0.003B	0.073	0.002	0.033	0.005	0	0	0	---	---	16
17	---	---	0.005B	0.092	0.001	0.028	0.003	0	0	0	---	---	17
18	---	---	0.004B	0.167	0.004	0.026	0.002	0	0	0	---	---	18
19	---	---	0.004B	0.199	0.002	0.025	0.001	0	0	0	---	---	19
20	---	---	0.004B	0.231	0.002	0.020	0.001	0	0	0	---	---	20
21	---	---	0.107B	0.154	0.002	0.018	0	0	0	0	---	---	21
22	---	---	0.670B	0.081	0.002	0.019	0	0	0	0	---	---	22
23	---	---	1.56 B	0.060	0.002	0.020	0	0	0	0	---	---	23
24	---	---	2.01 B	0.069	0.002	0.018	0	0	0	0	---	---	24
25	---	---	2.25 B	0.054	0.001	0.019	0	0	0	0	---	---	25
26	---	---	2.39 B	0.058	0.001	0.018	0	0	0	0	---	---	26
27	---	---	2.61 B	0.096	0.001	0.015	0	0	0	0	---	---	27
28	---	---	3.23 B	0.078	0.013	0.011	0	0	0	0	---	---	28
29	---	---	3.37 B	0.068	0.008	0.010	0	0	0	0	---	---	29
30	---		3.66 B	0.082	0.006	0.008	0	0	0	0	---	---	30
31	---		3.81 B		0.005		0	0		0		---	31
TOTAL	---	---	26.827	28.117	0.259	0.736	0.067	0	0	0	---	---	TOTAL
MEAN	---	---	0.833	0.971	0.008	0.025	0.002	0	0	0	---	---	MEAN
MAX	---	---	3.81	3.80	0.045	0.072	0.008	0	0	0	---	---	MAX
MIN	---	---	0.002	0.054	0.001	0.005	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.229
MAXIMUM DAILY, 3.81B ON MAR 31
MINIMUM DAILY, 0 ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 54 N
LONG 112 03 52 W
DRAINAGE AREA, 1 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.79
FEB	---	AUG	0
MAR	2 230	SEP	0
APR	2 520	OCT	0
MAY	22.4	NOV	---
JUN	83.6	DEC	---

TOTAL DISCHARGE, 4 840 dam³

VERMILION RIVER TRIBUTARY NEAR BRUCE - STATION NO. 05EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.381	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0.580	0	0	0	0	0	0	0	---	2
3	---	---	0 B	0.556	0	0	0	0	0	0	0	---	3
4	---	---	0 B	0.452	0	0	0	0	0	0	0	---	4
5	---	---	0 B	0.312	0	0	0	0	0	0	0	---	5
6	---	---	0 B	0.197	0	0	0	0	0	0	0	---	6
7	---	---	0 B	0.096	0	0	0	0	0	0	0	---	7
8	---	---	0 B	0.057	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.035	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.038	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.030	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.018	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.015	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.013	0	0	0	0	0	0	---	---	14
15	---	---	0 E	0.008	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.005	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 0078 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 0208	0 014	0	0	0	0	0	0	---	---	21
22	---	---	0 0469	0 007	0	0	0	0	0	0	---	---	22
23	---	---	0 0578	0 002	0	0	0	0	0	0	---	---	23
24	---	---	0 2068	0	0	0	0	0	0	0	---	---	24
25	---	---	0 4378	0	0	0	0	0	0	0	---	---	25
26	---	---	0 4828	0	0	0	0	0	0	0	---	---	26
27	---	---	0 4518	0	0	0	0	0	0	0	---	---	27
28	---	---	0 7108	0	0	0	0	0	0	0	---	---	28
29	---	---	0 6358	0	0	0	0	0	0	0	---	---	29
30	---		0 425	0	0	0	0	0	0	0	---	---	30
31	---		0 322		0		0	0		0		---	31
TOTAL	---	---	3 772	2 831	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 122	0 094	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 710	0 580	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 027
MAXIMUM DAILY 0 7108 ON MAR 28
MINIMUM DAILY 00 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 17 42 N
LONG 112 02 54 W
DRAINAGE AREA 46 9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	326	SEP	0
APR	245	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 571 dam³

VIXEN CREEK NEAR BELLOY - STATION NO 07FD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 108	0	0 126	0	0	0	0 013	---	---	1
2	---	---	---	0 080	0	0 078	0 002	0	0	0 008	---	---	2
3	---	---	---	0 057	0	0 033	0 021	0	0	0 008	---	---	3
4	---	---	---	0 032	0	0 004	0 038	0	0	0 008	---	---	4
5	---	---	---	0 018	0	0	0 057	0	0	0 005	---	---	5
6	---	---	---	0 010	0	0	0 066	0	0	0 001	---	---	6
7	---	---	---	0 008	0	0 008	0 065	0	0 018	0	---	---	7
8	---	---	---	0 007	0	0 034	0 054	0	0 059	0	---	---	8
9	---	---	---	0	0	0 200	0 047	0	0 035	0	---	---	9
10	---	---	---	0	0	0 195	0 043	0	0 058	0	---	---	10
11	---	---	---	0	0	0 065	0 035	0	0 055	0	---	---	11
12	---	---	---	0	0	0 035	0 047	0	0 089	0	---	---	12
13	---	---	---	0	0	0 001	0 042	0	0 087	0	---	---	13
14	---	---	---	0	0	0	0 034	0	0 084	0	---	---	14
15	---	---	---	0	0	0	0 023	0	0 080	0	---	---	15
16	---	---	0 B	0	0 027	0	0 012	0	0 077	0	---	---	16
17	---	---	---	0	0 707	0	0 001	0	0 072	0	---	---	17
18	---	---	---	0	1 22	0	0	0	0 067	0 B	---	---	18
19	---	---	---	0	1 07	0	0	0	0 064	0 B	---	---	19
20	---	---	0 1848	0	1 27	0	0	0	0 058	0 B	---	---	20
21	---	---	0 3318	0	3 87	0	0	0	0 053	0 B	---	---	21
22	---	---	0 6208	0	9 71	0	0	0	0 048	0 B	---	---	22
23	---	---	0 8818	0	8 38	0	0	0	0 043	0 B	---	---	23
24	---	---	0 8238	0	2 84	0	0	0	0 039	0 B	---	---	24
25	---	---	0 7108	0	1 63	0	0	0	0 035	0 0018	---	---	25
26	---	---	0 5248	0	0 883	0	0	0	0 031	0 0018	---	---	26
27	---	---	0 4348	0	0 487	0	0	0	0 027	0 0018	---	---	27
28	---	---	0 3388	0	0 287	0	0	0	0 023	0 0018	---	---	28
29	---	---	0 2858	0	0 749	0	0	0	0 018	0 0018	---	---	29
30	---		0 3238	0	0 172	0	0	0	0 016	0 0018	---	---	30
31	---		0 1388		0 213		0	0		0 0018		---	31
TOTAL	---	---	---	0 316	31 116	0 759	0 568	0	1 618	0 050	---	---	TOTAL
MEAN	---	---	---	0 011	1 00	0 027	0 018	0	0 047	0 002	---	---	MEAN
MAX	---	---	---	0 108	9 71	0 200	0 066	0	0 089	0 013	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 9 71 ON MAY 23
MINIMUM DAILY 00 ON MAR 18
MAXIMUM INSTANTANEOUS
11 0 AT 14:30 MST ON MAY 22

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	50.8
FEB	---	AUG	0
MAR	---	SEP	133
APR	27 3	OCT	6 32
MAY	2 690	NOV	---
JUN	69.0	DEC	---

WABAMUN CREEK NEAR DUFFIELD - STATION NO 05DE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0248	0.1408	0.032	0.184	0.071	0.004	0.008	0.018	---	---	1
2	---	---	0.0248	0.1358	0.030	0.078	0.081	0.003	0.008	0.108	---	---	2
3	---	---	0.0248	0.1088	0.034	0.052	0.069	0.004	0.006	0.062	---	---	3
4	---	---	0.0248	0.0848	0.072	0.046	0.027	0.008	0.007	0.031	---	---	4
5	---	---	0.0268	0.078	0.075	0.037	0.025	0.006	0.008	0.026	---	---	5
6	---	---	0.0288	0.084	0.069	0.306	0.029	0.012	0.021	0.018	---	---	6
7	---	---	0.0248	0.224	0.061	1.61	0.032	0.029	0.121	0.016	---	---	7
8	---	---	0.0238	0.231	0.055	1.92	0.021	0.031	0.190	0.015	---	---	8
9	---	---	0.0228	0.173	0.053	1.32	0.020	0.023	0.215	0.017	---	---	9
10	---	---	0.0208	0.073	0.057	0.807	0.023	0.009	0.245	0.023	---	---	10
11	---	---	0.0188	0.074	0.116	0.515	0.023	0.012	0.263	0.027	---	---	11
12	---	---	0.0188	0.118	0.201	0.382	0.024	0.018	0.509	0.015	---	---	12
13	---	---	0.0188	0.117	0.078	0.330	0.027	0.014	0.228	0.018	---	---	13
14	---	---	0.0188	0.080	0.057	0.252	0.028	0.011	0.087	0.021	---	---	14
15	---	---	0.0188	0.051	0.047	0.181	0.030	0.012	0.050	0.018	---	---	15
16	---	---	0.0188	0.048	0.124	0.150	0.031	0.004	0.040	0.020	---	---	16
17	---	---	0.0188	0.052	0.193	0.109	0.032	0.010	0.035	0.035	---	---	17
18	---	---	0.0188	0.073	0.137	0.080	0.035	0.018	0.029	0.058	---	---	18
19	---	---	0.0228	0.066	0.116	0.062	0.035	0.026	0.026	0.071	---	---	19
20	---	---	0.0288	0.053	0.098	0.076	0.037	0.021	0.017	0.070	---	---	20
21	---	---	0.0368	0.047	0.083	0.078	0.035	0.039	0.052	0.060	---	---	21
22	---	---	0.0488	0.048	0.080	0.060	0.033	0.022	0.130	0.054	---	---	22
23	---	---	0.1008	0.044	0.080	0.031	0.028	0.031	0.044	0.048	---	---	23
24	---	---	0.2008	0.050	0.101	0.033	0.024	0.017	0.087	0.055	---	---	24
25	---	---	0.4008	0.055	0.286	0.030	0.019	0.024	0.078	0.073	---	---	25
26	---	---	0.5728	0.047	0.130	0.031	0.018	0.022	0.061	0.0738	---	---	26
27	---	---	0.5948	0.045	0.087	0.034	0.021	0.035	0.041	0.0578	---	---	27
28	---	---	0.4338	0.038	0.122	0.038	0.014	0.021	0.032	0.0518	---	---	28
29	---	---	0.1808	0.034	0.098	0.045	0.013	0.019	0.025	0.0488	---	---	29
30	---	---	0.1508	0.030	0.073	0.080	0.014	0.017	0.024	0.0478	---	---	30
31	---		0.1458		0.459		0.010	0.011		0.0468		---	31
TOTAL	---	---	3.699	2.498	3.314	8.939	0.931	0.534	2.889	1.308	---	---	TOTAL
MEAN	---	---	0.119	0.083	0.107	0.298	0.030	0.017	0.080	0.042	---	---	MEAN
MAX	---	---	0.894	0.231	0.459	1.92	0.081	0.039	0.509	0.108	---	---	MAX
MIN	---	---	0.018	0.030	0.030	0.030	0.010	0.003	0.006	0.015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.098
MAXIMUM DAILY, 1.92 ON JUN 8
MINIMUM DAILY, 0.003 ON AUG 2
MAXIMUM INSTANTANEOUS,
2.10 AT 06:30 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 42 N
LONG 114 22 00 W
DRAINAGE AREA, 513 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	80.4
FEB	---	AUG	46.1
MAR	320	SEP	232
APR	216	OCT	113
MAY	286	NOV	---
JUN	772	DEC	---

TOTAL DISCHARGE, 2 070 dam³

WABAMUN LAKE AT WABAMUN - STATION NO 05DE002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	724.519	724.525	---	---	---	---	---	---	724.437	---	---	1
2	724.502	---	---	724.554	---	---	724.576	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	724.376	724.429	---	724.457	3
4	---	---	---	---	---	724.538	---	---	---	---	---	---	4
5	---	---	724.527	---	---	---	724.548	---	---	---	724.432	---	5
6	---	724.531	---	---	---	---	---	724.508	---	---	---	---	6
7	---	---	---	---	724.541	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	724.416	---	---	8
9	724.502	---	---	724.541	---	---	724.567	---	---	---	---	---	9
10	---	---	---	724.551	---	---	---	---	724.424	---	---	724.457	10
11	724.508	---	---	---	---	724.611	---	---	---	---	---	724.467	11
12	---	---	724.528	---	---	---	---	---	---	---	724.457	---	12
13	---	724.519	---	---	---	724.588	---	724.477	---	---	---	---	13
14	---	---	---	---	724.533	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	724.427	---	---	15
16	724.504	---	---	724.558	---	---	724.552	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	724.427	---	---	724.436	17
18	---	---	---	---	---	724.601	---	---	---	---	---	---	18
19	---	---	724.529	---	---	---	---	---	---	---	724.457	---	19
20	---	724.528	---	---	---	---	---	724.458	---	---	724.455	---	20
21	---	---	---	---	724.507	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	724.478	---	---	22
23	724.516	---	---	724.548	---	---	724.518	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	724.437	---	---	724.476	24
25	---	---	---	---	---	724.589	---	---	---	---	---	---	25
26	---	---	724.549	---	---	---	---	---	---	---	724.455	---	26
27	---	724.519	---	---	---	---	---	724.427	---	---	---	---	27
28	---	---	---	---	724.559	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	724.432	---	---	29
30	724.503		724.551	724.527	---	---	724.489	---	---	---	---	---	30
31	---		---		---		---	---		724.463		724.477	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 33 24 N
LONG 114 28 28 W

REGULATED

DRAINAGE AREA,
355 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -001.508 m ADJUSTMENT TO CONVERT TO CANADIAN NATIONAL RAILWAYS DATUM

WABASCA RIVER AT WADLIN LAKE ROAD - STATION NO 07JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.18	17.68	18.08	26.68	62.0E	352	180	100	90.2	55.6	34.38	32.08	1
2	18.38	17.68	17.88	30.38	58.7E	460	214	96.3	100	55.5	33.18	30.68	2
3	18.68	17.88	17.68	33.78	56.2A	617	231	91.3	110	54.3	37.68	30.38	3
4	18.88	17.98	17.78	37.08	53.3	718	238	91.1	117	55.0	37.28	30.28	4
5	18.98	18.08	17.68	42.78	50.4	708	330	86.3	121	54.7	35.98	29.38	5
6	19.78	18.18	17.88	46.88	48.1	631	320	81.5	123	54.3	35.68	28.88	6
7	20.08	18.08	17.88	52.88	45.3	566	333	85.4	124	53.7	34.78	27.98	7
8	19.48	18.18	17.48	52.38	42.4	520	291	88.7	124	53.2	37.68	26.38	8
9	18.78	18.18	17.58	51.88	40.4	473	288	95.7	125	52.8	37.58	25.88	9
10	18.28	18.28	17.68	53.28	38.5	430	340	85.8	134	52.6	37.88	25.38	10
11	17.48	18.18	17.48	53.68	42.2	395	348	84.5	123	51.7	37.58	25.68	11
12	16.88	17.08	17.38	55.08	49.2	360	333	89.4	124	51.2	37.68	26.78	12
13	16.68	16.08	17.08	55.08	57.9A	335	317	84.0	122	50.4	36.88	26.58	13
14	16.28	17.88	16.08	55.08	64.4E	313	304	81.6	118	59.8	37.18	26.28	14
15	16.48	17.78	16.08	76.08	76.8E	290	288	78.5	116	59.7	36.78	25.88	15
16	16.78	17.68	15.88	100 B	96.6E	268	281	76.3	110	50.2	37.38	24.28	16
17	16.68	17.58	14.78	133 A	118 E	253	258	74.3	108	59.58	37.28	23.48	17
18	16.68	17.58	13.98	132	144 E	237	238	74.0	89.2	62.08	37.28	24.38	18
19	16.58	17.68	14.28	123	178 E	217	218	71.8	84.2	66.18	37.08	25.38	19
20	16.58	17.78	14.18	110 A	218 E	208	200	69.0	89.3	67.28	36.58	25.28	20
21	16.48	17.68	13.28	106 E	285 E	208	187	68.8	85.5	65.58	35.68	24.88	21
22	16.38	17.88	12.98	100 E	316 E	205	177	64.6	81.5	73.08	35.08	24.68	22
23	16.38	17.68	13.18	84.4E	350 E	197	168	63.1	78.2	74.28	34.78	24.98	23
24	16.28	17.78	13.58	88.88	434 A	191	160	60.4	75.9	75.48	33.18	25.48	24
25	16.28	17.78	14.88	84.3E	400 E	184	152	59.6	73.5	78.08	32.18	24.68	25
26	16.8	17.78	15.38	80.0E	332 E	175	145	58.5	72.6	70.88	32.18	23.88	26
27	16.48	17.78	15.68	76.88	287 E	167	134	58.3	71.0	67.08	32.78	22.58	27
28	16.48	17.78	16.68	73.88	253 E	158	125	58.5	68.3	60.68	34.18	22.58	28
29	16.58	17.38	18.18	69.28	233 E	150	111	58.5	67.4	65.98	33.78	22.08	29
30	17.08		16.78	85.0E	248 E	157	111	64.7	67.3	32.48	33.08	21.38	30
31	17.38		23.18		261 A		105	71.5		27.18		20.68	31
TOTAL	541.2	517.0	507.9	2 180.5	5 011.3	10 141	6 783	2 388.0	3 002.3	1 892.6	1 072.5	786.6	TOTAL
MEAN	17.5	17.8	16.4	72.0	162	338	219	77.0	100	61.1	35.6	25.7	MEAN
MAX	20.0	18.2	23.1	133	434	715	348	100	125	78.0	38.7	32.0	MAX
MIN	16.1	17.5	13.9	26.6	38.5	150	105	58.3	67.3	27.1	32.1	20.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.2
MAXIMUM DAILY, 719 ON JUN 4
MINIMUM DAILY, 12.98 ON MAR 22
MAXIMUM INSTANTANEOUS,
730 AT 03:00 MST ON JUN 5

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 52 30 N
LONG 115 33 30 W
DRAINAGE AREA, 35 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46 600	JUL	587 000
FEB	44 700	AUG	206 000
MAR	43 800	SEP	259 000
APR	187 000	OCT	164 000
MAY	433 000	NOV	92 700
JUN	875 000	DEC	68 800

TOTAL DISCHARGE, 3 010 000 dam³

WABASH CREEK NEAR PIBROCH - STATION NO 07BC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.4508	0.001	0.383	0	0	0.002	0.015	0.0388	---	1
2	---	---	0 B	0.3448	0.001	0.1508	0	0	0.001	0.011	0.0318	---	2
3	---	---	0 B	0.0888	0.001	0.001E	0	0	0.001	0.008	0.0258	---	3
4	---	---	0 B	0.1578	0.001	0.001E	0	0.001	0	0.006	0.0218	---	4
5	---	---	0 B	0.428	0.001	0.001E	0.001	0.004	0	0.003	0.0158	---	5
6	---	---	0 B	0.478	0	0.001E	0.001E	0.005	0.001	0.002	0.0098	---	6
7	---	---	0 B	0.591	0	0.001E	0.001E	0.012	0.035	0.002	0.0048	---	7
8	---	---	0 B	0.632	0	0.001E	0.001E	0.012	0.055	0.002	0.0018	---	8
9	---	---	0 B	0.581	0.088	0.001E	0.001E	0.010	0.070	0.002	---	---	9
10	---	---	0 B	0.572	0.047	0.001E	0.001E	0.008	0.069	0.003	---	---	10
11	---	---	0.0018	0.512	0.033	0.002	0.001E	0.007	0.089	0.003	---	---	11
12	---	---	0.0018	0.422	0.0108	0.028	0.001E	0.005	0.089	0.003	---	---	12
13	---	---	0.0018	0.331	0.001E	0.088	0.001E	0.005	0.088	0.004	---	---	13
14	---	---	0.0018	0.248	0.001E	0.023	0.001E	0.006	0.085	0.010	---	---	14
15	---	---	0.0018	0.177	0.001E	0.0108	0.001E	0.023	0.070	0.019	---	---	15
16	---	---	0.0038	0.128	0.001E	0.001E	0.001E	0.025	0.070	0.010	---	---	16
17	---	---	0.0038	0.078	0.001E	0	0.001E	0.027	0.068	0.014	---	---	17
18	---	---	0.0048	0.040	0.001E	0	0.001E	0.028	0.063	0.021	---	---	18
19	---	---	0.0068	0.022	0.001E	0	0 E	0.024	0.060	0.023	---	---	19
20	---	---	0.3458	0.038	0.001E	0	0 E	0.024	0.058	0.025	---	---	20
21	---	---	0 6838	0.021	0.001E	0	0 E	0.025	0.060	0.068	---	---	21
22	---	---	1.48 B	0.017	0.001E	0	0 E	0.026	0.063	0.048	---	---	22
23	---	---	1.67 B	0.018	0.001E	0	0 E	0.021	0.064	0.148	---	---	23
24	---	---	1 87 B	0.014	0.001E	0	0 E	0.018	0.058	0.137	---	---	24
25	---	---	2 81 B	0.018	0.001E	0	0 E	0.016	0.045	0.138	---	---	25
26	---	---	2 70 B	0.015	0.173	0	0 E	0.014	0.040	0.128	---	---	26
27	---	---	2 78 B	0.012	0.231	0	0 E	0.011	0.036	0.1108	---	---	27
28	---	---	2 61 B	0.008	0.1788	0	0 E	0.009	0.027	0.0808	---	---	28
29	---	---	3 03 B	0.003	0.0508	0	0 E	0.005	0.024	0.0708	---	---	29
30	---	---	1 60 B	0.001	0.0108	0	0 E	0.003	0.019	0.0588	---	---	30
31	---		0 8008		0.005E		0	0.002		0.0478		---	31
TOTAL	---	---	21.287	8.346	0.838	0.867	0.014	0.375	1.324	1.220	---	---	TOTAL
MEAN	---	---	0 687	0.312	0.027	0.022	0	0.012	0.044	0.038	---	---	MEAN
MAX	---	---	3 78	0.632	0.231	0.383	0.001	0.027	0.070	0.148	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 131
MAXIMUM DAILY, 3 788 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 27 N
LONG 113 55 26 W
DRAINAGE AREA, 338 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 21
FEB	---	AUG	33 4
MAR	1 840	SEP	114
APR	648	OCT	105
MAY	71 5	NOV	---
JUN	87.8	DEC	---

TOTAL DISCHARGE, 2 770 dam³

WAINSCOTT COULEE NEAR BROWNVALE - STATION NO. 07FD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2628	0.025E	0.147	1.24	0	0.002E	0.008E	0B	---	1
2	---	---	0 B	0.2208	0.040E	0.119	0.364	0	0.002E	0.008E	---	---	2
3	---	---	0 B	0.0878	0.035E	0.102	0.183	0	0.002E	0.008E	---	---	3
4	---	---	0 B	0.0588	0.030E	0.084	0.133	0	0.002E	0.008E	---	---	4
5	---	---	0 B	0.0418	0.027E	0.114	0.188	0	0.002E	0.009E	---	---	5
6	---	---	0 B	0.0338	0.027E	0.208	0.214	0	0.003E	0.009E	---	---	6
7	---	---	0 B	0.0268	0.030E	0.388	0.378	0	0.004E	0.009E	---	---	7
8	---	---	0 B	0.0258	0.035E	0.808	0.508	0	0.008E	0.009E	---	---	8
9	---	---	0 B	0.0228	0.030A	0.356	0.311	0	0.012E	0.009E	---	---	9
10	---	---	0 B	0.019E	0.028E	0.193	0.180	0	0.012E	0.009E	---	---	10
11	---	---	0 B	B 0.018A	B 0.025E	0.150	0.129	0	0.012E	0.009E	---	---	11
12	---	---	0 B	B 0.016E	B 0.030E	0.118	0.304	B	0.012E	0.009E	---	---	12
13	---	---	0 B	B 0.013A	B 0.030E	0.094	0.390	0	0.012E	0.009E	---	---	13
14	---	---	0 B	B 0.012E	B 0.080E	0.084	0.136	B	0.011E	0.009E	---	---	14
15	---	---	0 B	B 0.020E	B 0.130E	0.050	0.075	0	0.011E	0.009E	---	---	15
16	---	---	0 B	0.030E	0.170E	0.043	0.049	0	0.011E	0.010E	---	---	16
17	---	---	0 B	0.029E	0.140E	0.037	0.037	0	0.011E	0.010E	---	---	17
18	---	---	0 B	0.028A	0.200E	0.031	0.028	0	0.011E	0.010E	---	---	18
19	---	---	0 B	0.027	0.700E	0.029	0.026	0	0.011E	0.011E	---	---	19
20	---	---	0 B	0.027	2.59 A	0.030	0.024	0	0.011E	0.011E	---	---	20
21	---	---	0 B	0.025	4.54	0.030	0.024	0	0.010E	0.012E	---	---	21
22	---	---	0.010B	0.024	2.02	0.028	0.025	0	0.010E	B 0.13E	---	---	22
23	---	---	0.030B	0.023	0.903	0.026	0.025	0	0.010E	B 0.14E	---	---	23
24	---	---	0.100B	0.023	0.588	0.029	0.025	0	0.010E	0.013E	---	---	24
25	---	---	1.00 B	0.022	0.567	0.026	0.024A	0	0.010E	B 0.10B	---	---	25
26	---	---	0.900B	B 0.021	0.403	0.024	0.018E	0	0.010A	0.008B	---	---	26
27	---	---	0.810B	B 0.020	0.297	0.022	0.012E	0	0.010E	0.001B	---	---	27
28	---	---	0.710B	B 0.019	0.248	0.020	0.008E	0	0.010E	0 B	---	---	28
29	---	---	0.535B	0.020	0.209	0.028	0.006E	0	0.010E	0 B	---	---	29
30	---		0.323B	B 0.020A	0.178	1.51	0.003E	0	0.010E	0 B	---	---	30
31	---		0.282B		0.164		0.001E	0		0 B	---	---	31
TOTAL	---	---	4.899	1.227	14.682	4.811	5.065	0	0.282	0.255	---	---	TOTAL
MEAN	---	---	0.152	0.041	0.473	0.154	0.163	0	0.009	0.008	---	---	MEAN
MAX	---	---	1.00	0.282	4.54	1.51	1.24	0	0.012	0.014	---	---	MAX
MIN	---	---	0	0.012	0.028	0.020	0.001	0	0.002	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 4.54 ON MAY 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.40 AT 08:30 MST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 01 37 N
LONG 117 56 08 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	438
FEB	---	AUG	0
MAR	406	SEP	22.6
APR	106	OCT	22.0
MAY	1 270	NOV	---
JUN	388	DEC	---

TOTAL DISCHARGE, 2 660 dam³

WAIPAROUS CREEK BELOW MEADOW CREEK - STATION NO 05BG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.472B	1.28	1.46	0.785	0.603	1.05 E	---	---	1
2	---	---	---	---	0.575B	1.17	1.29	0.742	0.580	1.25 A	---	---	2
3	---	---	---	---	0.567B	1.29	1.19	1.10	0.571	1.67	---	---	3
4	---	---	---	---	0.499B	1.26	1.16	1.02	0.575A	1.76	---	---	4
5	---	---	---	---	0.510B	1.46	1.12	1.02	0.560E	1.78	---	---	5
6	---	---	---	---	0.524B	2.02	1.23	0.882	0.560E	1.65	---	---	6
7	---	---	---	---	0.571B	2.56	1.10	0.824	0.580E	1.50	---	---	7
8	---	---	---	---	0.676B	5.69	1.03	0.781	0.520E	1.80	---	---	8
9	---	---	---	---	0.774B	4.73	0.885	0.829	0.550E	1.71	---	---	9
10	---	---	---	---	0.675B	3.32	0.839	0.811	0.590E	1.58	---	---	10
11	---	---	---	---	0.597B	4.62	0.845	0.796	0.700E	1.45	---	---	11
12	---	---	---	---	0.630B	5.70	0.885	0.769	0.960E	1.36	---	---	12
13	---	---	---	---	0.765B	4.22	0.897	0.756	0.880E	1.22	---	---	13
14	---	---	---	---	1.62 B	3.52	0.853	0.706	0.780E	1.11	---	---	14
15	---	---	---	---	2.11 B	3.00	0.795	0.679	0.740E	1.06	---	---	15
16	---	---	---	---	2.35	2.62	0.765	0.648	0.720E	0.989	---	---	16
17	---	---	---	---	1.83	2.13	0.777	0.628	0.760E	0.937	---	---	17
18	---	---	---	---	1.39	1.80	0.771	0.648	0.840E	0.787	---	---	18
19	---	---	---	---	1.36	1.63	0.769	0.710	0.890E	0.870B	---	---	19
20	---	---	---	---	1.34	1.57	0.826	0.720E	0.930E	0.870B	---	---	20
21	---	---	---	---	1.10	1.58	0.845	0.880E	1.12 E	0.870B	---	---	21
22	---	---	---	---	1.05	1.49	0.925	0.850E	1.06 E	0.881B	---	---	22
23	---	---	---	---	1.07	1.77	0.899	0.860E	1.00 E	0.881B	---	---	23
24	---	---	---	---	0.973	1.86	0.865	0.890E	0.910E	0.836	---	---	24
25	---	---	---	0.460B	0.985	1.71	0.828	0.870E	0.840E	0.805	---	---	25
26	---	---	---	0.462B	1.05	1.62	0.930	0.850E	0.770E	0.784	---	---	26
27	---	---	---	0.478B	1.04	1.70	0.866	0.836A	0.700E	0.5268	---	---	27
28	---	---	---	0.489B	1.21	1.66	0.831	0.846	0.740E	0.5848	---	---	28
29	---	---	---	0.449B	2.06	2.31	0.813	0.806	0.840E	0.5408	---	---	29
30	---		---	0.428B	4.02	1.85	0.807	0.697	0.950E	0.5308	---	---	30
31	---		---		2.33		0.784	0.805		0.5258	---	---	31
TOTAL	---	---	---	---	36.773	73.43	29.020	23.237	22.818	33.857	---	---	TOTAL
MEAN	---	---	---	---	1.18	2.45	0.936	0.750	0.761	1.10	---	---	MEAN
MAX	---	---	---	---	4.02	5.70	1.46	1.10	1.12	1.78	---	---	MAX
MIN	---	---	---	---	0.472	1.17	0.765	0.697	0.520	0.525	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 5.70 ON JUN 12
MINIMUM DAILY, 0.472B ON MAY 1
MAXIMUM INSTANTANEOUS,
7.63 AT 20:18 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 04 N
LONG 114 58 37 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	2 010
MAR	---	SEP	1 870
APR	---	OCT	2 030
MAY	3 180	NOV	---
JUN	6 340	DEC	---

TOTAL DISCHARGE, 18 800 dam³

WAIPAROUS CREEK NEAR THE MOUTH - STATION NO. 05BG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3608	0.4608	0.4178	0.4768	0.4298	1.49	1.60	0.686	0.691	1.28 E	0.5478	0.3738	1
2	0.3708	0.4708	0.3668	0.4718	0.5538	1.21	1.39	0.671	0.677	1.43 A	0.5508	0.3828	2
3	0.3608	0.4708	0.3608	0.5278	0.6438	1.36	1.27	1.23	0.659	2.07	0.5668	0.3858	3
4	0.3948	0.4708	0.3678	0.5108	0.6438	1.33	1.22	1.22	0.657	2.31	0.5758	0.3908	4
5	0.4008	0.4708	0.3628	0.6088	0.714	1.45	1.18	1.20	0.648	2.44	0.6298	0.4008	5
6	0.4058	0.4608	0.3708	0.7188	0.806	2.27	1.28	1.15	0.671	2.18	0.6388	0.4108	6
7	0.4008	0.4608	0.3668	0.6848	1.01	2.54	1.17	1.05	0.704	1.90	0.6028	0.4308	7
8	0.3558	0.4608	0.3638	0.5478	1.13	5.71	1.09	0.979	0.643	2.00	0.5648	0.4108	8
9	0.3908	0.4608	0.3788	0.4928	1.21	5.63	1.02	0.922	0.691	2.27	0.5508	0.4008	9
10	0.3858	0.4508	0.3838	0.5178	0.973	4.01	0.963	0.905	0.743	2.06	0.5408	0.3818	10
11	0.3808	0.4508	0.4268	0.5408	0.810	4.44	0.929	0.882	0.874	1.82	0.5208	0.3658	11
12	0.3758	0.4408	0.4338	0.5538	0.762	5.67	1.04	0.857	1.12	1.71	0.5088	0.3558	12
13	0.3708	0.4408	0.4268	0.5338	0.931	5.29	1.04	0.850	0.957	1.49	0.4848	0.3508	13
14	0.3658	0.4308	0.4568	0.6328	1.41	4.74	0.980	0.780	0.878	1.33	0.4408	0.3458	14
15	0.3608	0.4268	0.4848	0.7628	2.27	4.26	0.925	0.771	0.834	1.27	0.4008	0.3408	15
16	0.3858	0.4208	0.4908	1.10 B	2.91	3.59	0.877	0.734	0.819	1.19	0.3808	0.3008	16
17	0.3508	0.4208	0.4858	1.61 B	2.74	2.74	0.883	0.711	0.862	1.08	0.4008	0.2508	17
18	0.3588	0.4108	0.4718	1.33 B	1.84	2.14	0.852	0.717	0.964	0.953	0.4238	0.2308	18
19	0.3608	0.4208	0.4768	1.05 B	1.70	1.86	0.843	0.737	0.998	1.02	0.4388	0.2208	19
20	0.3708	0.4208	0.4868	1.06 B	1.88	1.57	0.818	0.778	1.03	0.844	0.4338	0.2208	20
21	0.3808	0.4308	0.4588	1.35 B	1.26	1.93	1.16	0.735	1.25	0.9768	0.3998	0.2208	21
22	0.3908	0.4208	0.5618	1.51 B	1.08	1.86	1.11	0.712	1.22	0.9958	0.3988	0.2108	22
23	0.4008	0.4108	0.7168	1.14 B	1.15	1.99	1.06	0.714	1.11	0.9718	0.4008	0.2008	23
24	0.4108	0.4108	0.9018	0.8328	0.982	2.17	0.953	0.747	1.02	0.9788	0.4028	0.1808	24
25	0.4208	0.4008	0.7858	0.8238	1.02	1.94	0.924	0.708	0.9598	0.9368	0.3708	0.1608	25
26	0.4208	0.4008	0.5698	0.5378	1.12	1.80	0.854	0.682	0.8908	0.9128	0.3348	0.1408	26
27	0.4208	0.4008	0.5408	0.5048	1.08	1.88	1.07	0.687	0.8208	0.8788	0.3238	0.1208	27
28	0.4308	0.4108	0.5178	0.4858	1.26	1.81	0.975	0.727	0.8808	0.613	0.3508	0.1108	28
29	0.4408	0.4308	0.4888	0.4028	1.84	3.02	0.970	0.889	0.9408	0.558	0.3598	0.1008	29
30	0.4508		0.4558	0.3878	4.17	2.26	0.952	0.689	1.12 E	0.5508	0.3788	0.1008	30
31	0.4668		0.4738		3.81		0.929	0.686		0.5488		0.1008	31
TOTAL	12.145	12.624	14.811	22.620	43.948	83.87	32.454	26.024	26.369	41.466	13.900	8.576	TOTAL
MEAN	0.392	0.436	0.478	0.754	1.42	2.80	1.05	0.839	0.879	1.34	0.463	0.277	MEAN
MAX	0.456	0.480	0.901	1.81	4.17	5.71	1.60	1.23	1.25	2.44	0.638	0.430	MAX
MIN	0.350	0.400	0.356	0.387	0.428	1.21	0.843	0.682	0.643	0.548	0.323	0.100	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.826
MAXIMUM DAILY, 5.71 ON JUN 8
MINIMUM DAILY, 0.100B ON DEC 28
MAXIMUM INSTANTANEOUS,
7.21 AT 23:30 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 58 N
LONG 114 50 15 W
DRAINAGE AREA, 334 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	2 800
FEB	1 090	AUG	2 250
MAR	1 280	SEP	2 260
APR	1 950	OCT	3 580
MAY	3 800	NOV	1 200
JUN	7 250	DEC	741

TOTAL DISCHARGE, 29 300 dam³

WAMPUS CREEK NEAR HINTON - STATION NO. 07AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.1758	0.2548	0.239	0.171	0.053	0.045A	0.366	---	---	1
2	---	0.0518	---	0.2008	0.2748	0.218	0.160	0.055	0.045A	0.821	---	---	2
3	---	---	---	0.2108	0.328	0.206	0.148	0.070	0.045A	1.14	---	---	3
4	---	---	---	0.1928	0.328A	0.208	0.142	0.088	0.044A	1.71	---	---	4
5	---	---	---	0.1788	0.344A	0.242	0.138	0.074	0.045A	1.51	---	---	5
6	---	---	---	0.1678	0.352A	0.421	0.128	0.081	0.421	1.14	---	---	6
7	---	---	---	0.1688	0.461	0.583	0.124	0.074	0.838	1.01	---	---	7
8	---	---	---	0.1538	0.513	1.61	0.114	0.058	0.261	0.891	---	---	8
9	---	---	---	0.1508	0.516	1.41	0.108	0.051	0.277	0.666	---	---	9
10	---	---	---	0.1508	0.417	0.983	0.100	0.051	0.440	0.531	---	---	10
11	---	---	---	0.1608	0.391A	0.743	0.091	0.049	0.387	0.456	---	---	11
12	---	---	---	0.1748	0.373A	0.677	0.104	0.042	0.297	0.436	---	---	12
13	---	---	---	0.1768	0.367	0.607	0.138	0.046	0.293	0.365	---	---	13
14	---	---	---	0.187	0.382	0.517	0.108	0.051	0.255	0.314	---	---	14
15	---	---	---	0.312	0.403	0.532	0.089	0.049	0.218	0.274	---	---	15
16	---	---	---	0.486	0.952	0.541	0.079	0.045	0.188	0.259	---	---	16
17	---	---	---	0.425	0.938	0.526	0.075	0.041	0.180	0.245	---	---	17
18	---	---	---	0.378	0.884	0.484	0.072	0.038	0.215	0.221	---	---	18
19	---	---	---	0.310	0.855	0.478	0.071	0.037	0.231	0.235	---	---	19
20	---	---	---	0.316	0.889	0.418	0.084	0.036	0.210	0.225	---	---	20
21	---	0.0358	---	0.381	0.433	0.373	0.086	0.036	0.255	0.217	---	---	21
22	---	---	---	0.327	0.390	0.468A	0.105	0.034	0.250	0.2108	---	---	22
23	---	---	---	0.308	0.412	0.340A	0.092	0.033	0.229A	0.204	---	---	23
24	---	---	---	0.2908	0.373	0.270	0.085	0.036	0.224A	0.200	---	---	24
25	---	---	---	0.2758	0.340	0.245	0.081	0.035	0.216A	0.195	---	---	25
26	---	---	---	0.219	0.308	0.230	0.077	0.035	0.2068	0.1838	---	---	26
27	---	---	---	0.1958	0.302	0.205	0.065	0.034A	0.2668	0.1768	---	---	27
28	---	---	0.0308	0.184	0.270	0.189	0.054	0.061A	0.2548	0.1708	---	---	28
29	---	---	0.0758	0.1628	0.251	0.169	0.055	0.046A	0.2528	0.1648	---	---	29
30	---		0.1008	0.2028	0.237	0.183	0.056	0.043A	0.278	0.1578	---	---	30
31	---		0.1458		0.247		0.055	0.048A		0.1518		---	31
TOTAL	---	---	---	7.191	12.862	14.367	3.067	1.536	7.174	14.646	---	---	TOTAL
MEAN	---	---	---	0.240	0.415	0.479	0.099	0.050	0.239	0.472	---	---	MEAN
MAX	---	---	---	0.488	0.952	1.61	0.171	0.088	0.838	1.71	---	---	MAX
MIN	---	---	---	0.150	0.237	0.183	0.054	0.033	0.044	0.151	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.284
MAXIMUM DAILY, 1.71 ON OCT 4
MINIMUM DAILY, 0.033 ON AUG 23
MAXIMUM INSTANTANEOUS,
2.26 AT 21:10 MST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 22 N
LONG 117 15 40 W
DRAINAGE AREA, 25.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	265
FEB	---	AUG	133
MAR	---	SEP	620
APR	621	OCT	1 270
MAY	1 110	NOV	---
JUN	1 240	DEC	---

TOTAL DISCHARGE, 5 260 dam³

WANDERING RIVER NEAR WANDERING RIVER - STATION NO. 07CA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.311B	0.195B	0.132B	0.309B	3.38	12.0	5.67	3.68	0.572	2.68A	3.91B	1.17B	1
2	0.293B	0.183B	0.123B	0.342B	2.96	13.8	5.38	3.29	0.729	2.56E	3.61B	1.11B	2
3	0.272B	0.171B	0.122B	0.394B	2.73	20.1	4.84	2.94	0.637	2.48E	3.33B	1.10B	3
4	0.263B	0.171B	0.113B	0.458B	2.55	30.0	4.48	2.63	0.656	2.38E	3.11B	1.06B	4
5	0.246B	0.172B	0.106B	0.593B	2.25	37.6	3.99	2.29	0.723	2.28E	2.89B	1.04B	5
6	0.225B	0.173B	0.087B	0.782B	2.10	41.1	4.07	2.11	0.827	2.18E	2.72B	1.02B	6
7	0.222B	0.163B	0.101B	1.09B	1.86	41.8	4.61	2.16	1.84	2.08E	2.56B	0.975B	7
8	0.218B	0.165B	0.109B	1.43B	1.66	39.4	5.26	2.02	2.16	1.98E	2.41B	0.939B	8
9	0.214B	0.170B	0.106B	2.04	1.58	36.2	7.56	1.90	3.10	1.88E	2.20B	0.903B	9
10	0.213B	0.168B	0.105B	3.07	1.66	32.8	10.9	1.91	4.56	1.84E	2.06B	0.885B	10
11	0.215B	0.162B	0.089B	4.05	1.52	28.6	14.3	1.77	6.32	1.81A	1.98B	0.855B	11
12	0.209B	0.167B	0.089B	5.28	1.41	25.0	17.4	1.68	7.85	1.87	1.91B	0.845B	12
13	0.199B	0.163B	0.097B	6.10	1.37	22.0	19.6	1.60	8.80	1.93	1.90B	0.798B	13
14	0.195B	0.158B	0.090B	8.45	1.20	20.2	20.3	1.61	9.04	2.16	1.99B	0.767B	14
15	0.192B	0.150B	0.082B	8.92	1.39	19.1	20.0	1.60	8.89	2.20	1.81B	0.744B	15
16	0.194B	0.144B	0.083B	7.47	1.45	17.8	18.6	1.49	8.78	3.05	1.80B	0.719B	16
17	0.194B	0.146B	0.079B	7.69	1.73	16.5	17.1	1.37	8.20	2.68	1.77B	0.684B	17
18	0.186B	0.148B	0.052B	7.58	1.71	15.0	15.3	1.34	7.45	2.54	1.63B	0.644B	18
19	0.195B	0.146B	0.079B	7.83	1.72	13.7	13.8	1.20	6.89	3.09	1.60B	0.650B	19
20	0.193B	0.142B	0.078B	7.26	2.44	12.7	12.7	1.14	6.32	3.43	1.53B	0.655B	20
21	0.185B	0.144B	0.061B	7.20	3.15	11.8	11.6	0.986	5.81	3.91	1.50B	0.631B	21
22	0.167B	0.132B	0.105B	6.95	4.31	10.7	10.5	0.885	5.30	4.50	1.45B	0.608B	22
23	0.188B	0.129B	0.102B	6.80	5.85	9.85	9.59	0.873	4.76	4.81	1.40B	0.584B	23
24	0.183B	0.116B	0.107B	8.04	8.23	9.19	8.83	0.759	4.42	5.22	1.38B	0.560B	24
25	0.200B	0.124B	0.105B	9.60	10.1	8.64	7.87	0.680	3.95	5.85	1.31B	0.537B	25
26	0.203B	0.126B	0.113B	9.05	11.2	7.89	7.16	0.672	3.69	5.87	1.28B	0.513B	26
27	0.203B	0.132B	0.116B	8.69	11.6	7.37	6.54	0.673	3.34	5.40B	1.25B	0.490B	27
28	0.203B	0.127B	0.142B	8.30	11.5	6.61	5.87	0.772	3.11	5.07B	1.22B	0.468B	28
29	0.204B	0.123B	0.170B	8.98	11.3	6.55	5.29	0.738	2.91	4.92B	1.20B	0.442B	29
30	0.203B		0.207B	9.75	10.6	6.33	4.82	0.530	2.67	4.60B	1.19B	0.419B	30
31	0.198B		0.265B		10.8		4.14	0.474		4.30B		0.395B	31
TOTAL	6.644	4.412	3.451	131.328	137.41	580.93	308.17	47.982	134.606	101.63	59.91	23.208	TOTAL
MEAN	0.214	0.152	0.111	4.38	4.43	19.4	9.94	1.55	4.49	3.28	2.00	0.749	MEAN
MAX	0.311	0.195	0.265	7.69	11.6	41.8	20.3	3.68	9.04	5.87	3.91	1.17	MAX
MIN	0.183	0.116	0.061	0.309	1.20	6.33	3.99	0.474	0.572	1.81	1.19	0.395	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.21
MAXIMUM DAILY, 41.8 ON JUN 7
MINIMUM DAILY, 0.061B ON MAR 21
MAXIMUM INSTANTANEOUS,
42.4 AT 03:03 MST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 11 57 N
LONG 112 27 58 W
DRAINAGE AREA, 1 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	574	JUL	26 600
FEB	381	AUG	4 150
MAR	298	SEP	11 600
APR	11 300	OCT	8 780
MAY	11 900	NOV	5 180
JUN	50 200	DEC	2 010

TOTAL DISCHARGE, 133 000 dam³

WAPITI RIVER NEAR GRANDE PRAIRIE - STATION NO. 07GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4B	11.6B	11.4B	14.5B	40.3	242	213	63.2A	42.0	73.8	28.5B	20.1B	1
2	11.3B	11.5B	12.2B	15.1B	44.1	198	191	61.2E	40.2	79.2	28.9B	19.5B	2
3	11.3B	12.0B	12.0B	16.5B	48.9	176	186	59.2A	44.5	98.8	29.8B	15.0B	3
4	11.4B	12.3B	11.4B	19.4B	54.5	173	170	59.0	43.1	193	30.1B	13.4B	4
5	11.6B	12.1B	12.1B	18.6B	54.4	182	166	56.9	41.3	201	32.3B	11.2B	5
6	11.6B	11.5B	11.8B	19.2B	52.8	201	194	56.7	44.9	199	35.2B	12.4B	6
7	11.4B	11.2B	11.5B	18.7B	52.5	279	177	78.7	63.1	158	35.4B	14.2B	7
8	11.3B	10.9B	11.2B	18.4B	54.3	392	148	72.6	92.5	141	33.5B	15.0B	8
9	11.3B	10.8B	10.6B	20.0B	60.7	428	134	60.6	86.0	135	32.4B	15.9B	9
10	11.2B	10.7B	10.7B	20.3B	76.4	427	130	54.6	91.0	153	32.6B	16.4B	10
11	11.3B	10.7B	11.0B	20.4B	86.6	414	129	52.4	105	145	32.5B	16.3B	11
12	11.5B	10.7B	11.2B	20.3B	84.0	401	126	50.8	132	150	31.8B	16.0B	12
13	11.6B	10.4B	11.5B	23.0B	95.3	406	134	47.4	145	134	30.6B	15.7B	13
14	11.6B	10.4B	11.3B	24.9B	106	424	125	46.3	135	120	27.5B	15.0B	14
15	11.5B	10.3B	11.7B	27.0B	107	403	112	48.8	115	111	26.9B	17.3B	15
16	11.3B	10.3B	12.1B	32.3	123	356	104	49.3	99.8	102	26.8B	18.2B	16
17	10.2B	10.3B	12.9B	44.1	268	319	102	49.2	91.7	96.6	27.2B	16.0B	17
18	9.978	9.958	13.3B	52.5	246	757	104	45.6	211	88.1	27.9B	13.7B	18
19	10.2B	10.0B	13.9B	51.3	235	210	95.0	44.3	220	80.9	29.2B	13.4B	19
20	10.3B	10.2B	14.2B	50.8	207	178	83.7	43.4	177	78.4	27.6B	14.3B	20
21	9.958	10.6B	14.4B	50.3	206	160	76.5	46.1	153	75.1	26.8B	14.5B	21
22	9.938	10.9B	14.2B	54.4	181	162	73.0	47.3	152	70.0	26.8B	15.0B	22
23	9.958	11.2B	15.0B	57.7	151	182	73.3	42.2	138	66.4	25.7B	14.8B	23
24	10.1B	11.6B	14.7B	54.4	138	200	70.9	39.3	119	66.0	27.1B	14.6B	24
25	10.5B	11.9B	14.0B	50.6	132	223	69.3	37.6	108	67.5	27.8B	14.3B	25
26	11.2B	11.7B	14.6B	47.6	126	224	69.7	36.4	95.9	72.5	27.7B	14.4B	26
27	11.7B	10.9B	14.8B	43.5	124	214	70.8	36.4	84.8	65.3	22.3B	14.4B	27
28	11.1B	11.2B	14.1B	41.6	123	246	73.8	48.1	77.5	31.9B	17.9B	14.2B	28
29	10.9B	11.0B	14.2B	41.2	132	260	75.1	45.6	73.4	18.3B	18.2B	13.7B	29
30	10.9B		14.1B	40.2	178	244	70.2A	44.9	71.1	17.2B	19.7B	13.5B	30
31	11.2B		14.3B		255		66.7E	43.7		30.8B		14.3B	31
TOTAL	341.00	319.45	397.1	1 009.8	3 883.8	8 184	3 813.0	1 569.2	3 094.8	3 130.8	867.2	486.7	TOTAL
MEAN	11.0	11.0	12.8	33.7	125	273	117	50.8	103	101	28.2	15.1	MEAN
MAX	11.8	12.3	15.0	57.7	268	428	213	78.7	220	201	35.4	20.1	MAX
MIN	9.93	9.95	10.7	14.5	40.3	160	66.7	36.4	40.2	17.2	17.9	11.2	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.4
MAXIMUM DAILY, 428 ON JUN 9
MINIMUM DAILY, 9.93B ON JAN 22
MAXIMUM INSTANTANEOUS,
462 AT 18:30 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 20 N
LONG 118 48 10 W
DRAINAGE AREA, 11 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 500	JUL	312 000
FEB	27 600	AUG	138 000
MAR	34 300	SEP	267 000
APR	87 200	OCT	270 000
MAY	336 000	NOV	73 200
JUN	707 000	DEC	40 300

TOTAL DISCHARGE, 2 320 000 dam³

WARE COULEE ABOVE MATZHIWIN CREEK - STATION NO 05CJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0 237	0 434	0 587	2 43	0 420	1 45	0 0758	---	1
2	---	---	---	---	---	0 324	0 574	0 478	1 34	0 566	0 703	0 0708	---	2
3	---	---	---	---	---	0 192	0 466	0 227A	0 814	0 815	0 695	0 0758	---	3
4	---	---	---	---	---	0 433	0 586	0 469	0 465	0 815	0 754	0 0808	---	4
5	---	---	---	---	---	0 761	0 674	0 577	0 851	0 830	0 753	0 0858	---	5
6	---	---	---	---	---	0 726	0 819	0 815	0 877	0 751	0 716	0 0808	---	6
7	---	---	---	---	---	0 403	0 658	0 882	1 12	1 08	0 696	0 0758	---	7
8	---	---	---	---	---	0 815	0 787	0 780	0 804	1 02	0 504	0 0808	---	8
9	---	---	---	---	---	0 432A	1 12	1 21	0 449	0 936	0 493	0 0448	---	9
10	---	---	---	---	---	0 510A	1 48	1 08	0 365	1 06	0 424	---	---	10
11	---	---	---	---	---	1 10	1 42	0 838	0 161	1 27	0 523	---	---	11
12	---	---	---	---	---	1 13	1 42	0 677	0 277	1 22	0 572	---	---	12
13	---	---	---	---	---	1 03	0 483	0 763	0 456	1 36	0 565	---	---	13
14	---	---	---	---	---	0 938	0 431	0 682	0 719	0 844	0 585	---	---	14
15	---	---	---	---	---	0 485	0 851	0 799	0 826	1 28	0 984	---	---	15
16	---	---	---	---	---	0 347A	1 85	0 638A	0 888	1 26	1 98	---	---	16
17	---	---	---	---	---	0 576	1 83	0 322A	0 870	1 25	1 23	---	---	17
18	---	---	---	---	---	0 347	1 70	0 064E	1 12	1 09	0 5458	---	---	18
19	---	---	---	---	---	0 101A	1 84	0 E	1 88	1 15	0 4228	---	---	19
20	---	---	---	---	---	0 008E	1 84	0 E	1 83	1 17	0 3308	---	---	20
21	---	---	---	---	---	0 178A	1 69	0 E	1 42	1 88	0 3408	---	---	21
22	---	---	---	---	---	0 116A	2 00	0 E	1 24	1 83	0 3458	---	---	22
23	---	---	---	---	---	0 221A	1 82	0 E	1 11	1 85	0 3508	---	---	23
24	---	---	---	---	---	0 209A	2 24	0 E	1 32	1 82	0 3528	---	---	24
25	---	---	---	---	---	0 150A	2 48	0 E	1 49	2 04	0 3408	---	---	25
26	---	---	---	0 260A	0 001E	1 32	0 E	1 55	2 24	0 3108	---	---	---	26
27	---	---	---	0 232	0 026E	0 163	0 E	1 48	2 58	0 2708	---	---	---	27
28	---	---	---	0 223	0 068A	0 088A	0 117A	1 34	2 29	0 2208	---	---	---	28
29	---	---	---	0 221	0 011E	0 179A	0 414A	0 958	1 83	0 1708	---	---	---	29
30	---	---	---	0 228	0 066A	0 928	2 68	0 631	1 84	0 1238	---	---	---	30
31	---	---	---		0 453		4 27	0 328		0 0808			---	31
TOTAL	---	---	---	---	12 186	33 641	18 289	31 189	40 317	18 020	---	---	---	TOTAL
MEAN	---	---	---	---	0 393	1 12	0 623	1 01	1 34	0 581	---	---	---	MEAN
MAX	---	---	---	---	1 13	2 48	4 27	2 43	2 58	1 98	---	---	---	MAX
MIN	---	---	---	---	0 001	0 088	0	0 161	0 420	0 080	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 841
MAXIMUM DAILY 4 27 ON JUL 31
MINIMUM DAILY 0E ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 45 N
LONG 111 46 55 W
DRAINAGE AREA 93 0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 870
FEB	---	AUG	2 690
MAR	---	SEP	3 480
APR	---	OCT	1 560
MAY	1 050	NOV	---
JUN	2 910	DEC	---

TOTAL DISCHARGE 13 400 dam³

WASKAHIGAN RIVER NEAR THE MOUTH - STATION NO 07GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 5108	0 5508	0 6758	2 598	14 7	8 16	3 01	0 441	0 748	8 29	2 368	1 23 B	1
2	0 5308	0 5458	0 6858	2 648	14 3	7 24	2 87	0 429	0 712	7 68	2 378	1 23 B	2
3	0 5358	0 5408	0 6908	2 928	18 1	6 57	2 40	0 458	0 680	7 33	2 408	1 24 B	3
4	0 5408	0 5308	0 7008	3 768	17 4	6 02	2 02	0 877	0 684	6 96	2 458	1 28 B	4
5	0 5358	0 5508	0 7258	5 038	16 8	5 74	1 86	2 16	0 722	6 67	2 498	1 30 B	5
6	0 5308	0 5458	0 7638	4 738	13 1	5 42	1 97	2 42	1 40	6 19	2 458	1 31 B	6
7	0 5208	0 5308	0 7218	4 828	11 8	10 7	2 72	1 86	18 5	5 80	2 368	1 32 B	7
8	0 5208	0 5008	0 6238	4 718	10 6	29 4	3 11	1 59	38 6	5 46	2 218	1 31 B	8
9	0 5108	0 5858	0 5468	3 998	11 7	41 6	2 99	1 51	24 1	5 11	2 098	1 28 B	9
10	0 5008	0 5608	0 5438	4 148	33 9	27 1	2 53	1 32	18 0	4 80	2 038	1 22 B	10
11	0 5208	0 5558	0 6198	4 408	34 4	18 1	2 25	1 10	15 7	4 56	1 978	1 18 B	11
12	0 5258	0 5508	0 5618	4 608	25 7	13 8	2 03	0 978	29 8	4 39	1 948	1 13 B	12
13	0 5298	0 5808	0 5838	4 778	20 3	12 1	1 78	1 05	26 4	4 15	1 888	1 08 B	13
14	0 5258	0 6358	0 6028	5 508	16 9	10 7	1 59	1 08	18 8	4 10	1 858	1 05 B	14
15	0 5298	0 6208	0 6058	5 288	14 8	8 93	1 90	1 07	14 4	4 25	1 828	1 02 B	15
16	0 5208	0 5908	0 6158	9 54	21 8	7 72	1 62	1 24	11 6	4 41	1 808	0 9928	16
17	0 5308	0 6008	0 6208	11 4	60 9	6 96	1 40	1 40	9 89	3 688	1 808	0 9658	17
18	0 5408	0 6158	0 6508	12 7	82 5	6 53	1 19	1 39	9 23	3 208	1 818	0 9478	18
19	0 5408	0 6358	0 7008	13 0	57 3	5 87	1 08	1 28	9 69	3 208	1 828	0 9228	19
20	0 5408	0 6508	0 7808	11 6	39 8	5 27	0 971	1 24	10 4	3 718	1 838	0 9118	20
21	0 5608	0 5708	0 8608	11 0	28 5	4 67	0 940	1 24	22 1	3 628	1 838	0 8968	21
22	0 5708	0 6558	0 9308	10 8	24 8	4 22	0 882	1 17	47 2	3 588	1 808	0 8868	22
23	0 5868	0 6308	1 03 B	10 5	21 3	4 07	0 884	1 10	34 7	3 448	1 748	0 8728	23
24	0 5858	0 6008	1 15 B	9 68	18 2	4 13	0 842	0 954	23 7	4 488	1 678	0 8648	24
25	0 5858	0 5908	1 06 B	8 04	17 5	3 56	0 785	0 854	18 1	5 458	1 588	0 8568	25
26	0 5958	0 5958	0 9708	8 16	15 0	2 98	0 689	0 774	15 1	5 258	1 448	0 8488	26
27	0 6008	0 6208	1 08 B	9 07	13 1	2 48	0 670	0 752	12 8	4 048	1 378	0 8408	27
28	0 6008	0 6558	1 40 B	10 3	11 5	2 50	0 623	0 737	11 1	3 138	1 338	0 8328	28
29	0 6108	0 6508	1 61 B	12 0	10 6	2 28	0 586	0 703	9 78	2 748	1 278	0 8248	29
30	0 6208		1 88 B	13 6	9 80	2 59	0 506	0 691	8 97	2 498	1 248	0 8168	30
31	0 6308		2 34 B		9 02		0 461	0 781		2 378		0 8088	31
TOTAL	17 061	17 940	27 326	226 27	733 92	278 39	49 539	34 720	460 636	144 42	58 98	32 241	TOTAL
MEAN	0 550	0 618	0 881	7 54	23 7	9 28	1 60	1 12	15 4	4 66	1 80	1 04	MEAN
MAX	0 630	0 670	2 34	13 6	82 5	41 6	4 11	2 42	47 2	8 29	2 48	1 32	MAX
MIN	0 500	0 550	0 523	2 59	9 02	3 28	0 461	0 429	0 680	2 37	1 24	0 801	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5 55
MAXIMUM DAILY 82 5 ON MAY 18
MINIMUM DAILY 0 429 ON AUG 2
MAXIMUM INSTANTANEOUS
93 4 AT 22 00 MST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 45 03 N
LONG 117 12 20 W
DRAINAGE AREA 1 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	4 260
FEB	1 550	AUG	3 000
MAR	2 360	SEP	39 800
APR	18 800	OCT	12 500
MAY	83 400	NOV	4 830
JUN	24 100	DEC	2 790

TOTAL DISCHARGE 180 000 dam³

WASKASOO CREEK AT RED DEER - STATION NO 05CC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.068	---	---	---	---	---	---	1
2	---	---	---	---	---	0.051	---	---	---	---	---	---	2
3	---	---	---	---	---	0.034	---	---	---	---	---	---	3
4	---	---	---	---	---	0.022	---	---	---	---	---	---	4
5	---	---	---	---	---	0.028	---	---	---	---	---	---	5
6	---	---	---	---	---	0.073	---	---	---	---	---	---	6
7	---	---	---	---	---	0.141	---	---	---	---	---	---	7
8	---	---	---	---	---	0.178	---	---	---	---	---	---	8
9	---	---	---	---	---	0.130	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	0.047	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	0.057	0.018	---	---	0.021	---	---	---	28
29	---	---	---	---	---	---	---	0.002	---	0.0038	---	---	29
30	---		---	---	---		---	---	---	---		---	30
31	---		---		---		0.005	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 07 N
LONG 113 47 52 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WASKATENAU CREEK NEAR WASKATENAU - STATION NO 05EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.02 B	0.277	0.092	0.105	0.010	0	0.001	---	---	1
2	---	---	0 B	1.22 B	0.182	0.076	0.095	0.013	0	0.001	---	---	2
3	---	---	0 B	1.29 B	0.184	0.101	0.080	0.568	0	0.002	---	---	3
4	---	---	0 B	1.33	0.172	0.080	0.048	0.664	0	0.002	---	---	4
5	---	---	0 B	1.28	0.160	0.085	0.033	0.003	0	0.003	---	---	5
6	---	---	0 B	1.11	0.155	0.144	0.040	0.002	0	0.003	---	---	6
7	---	---	0 B	0.988	0.165	0.198	0.120	0.002	0.001	0.003	---	---	7
8	---	---	0 B	0.844	0.150	0.192	0.106	0.002	0.018	0.004	---	---	8
9	---	---	0 B	0.765	0.126	0.191	0.057	0.002	0.030	0.004	---	---	9
10	---	---	0 B	0.692	0.128	0.196	0.057	0.002	0.032	0.005	---	---	10
11	---	---	0 B	0.654	0.107	0.183	0.073	0.001	0.022	0.005	---	---	11
12	---	---	0 B	0.627	0.081	0.178	0.105	0.001	0.021	0.005	---	---	12
13	---	---	0 B	0.579	0.068	0.248	0.187	0	0.018	0.006	---	---	13
14	---	---	0 B	0.504	0.073	0.271	0.312	0	0.011	0.007	---	---	14
15	---	---	0 B	0.431	0.071	0.268	0.192	0	0.008	0.008	---	---	15
16	---	---	0 B	0.431	0.054	0.307	0.110	0	0.003	0.008	---	---	16
17	---	---	0 B	0.318	0.039	0.301	0.060	0	0	0.0108	---	---	17
18	---	---	0 B	0.288	0.040	0.280	0.068	0	0	0.0128	---	---	18
19	---	---	0 B	0.306	0.035	0.296	0.080	0	0	0.0148	---	---	19
20	---	---	0 B	0.333	0.032	0.311	0.058	0	0	0.0188	---	---	20
21	---	---	0 B	0.239	0.038	0.348	0.055	0	0	0.0228	---	---	21
22	---	---	0 B	0.213	0.044	0.288	0.045	0	0	0.0248	---	---	22
23	---	---	0 B	0.267	0.039	0.205	0.040	0	0	0.0248	---	---	23
24	---	---	0.0708	0.304	0.037	0.141	0.035	0	0	0.0238	---	---	24
25	---	---	0.4478	0.282	0.038	0.107	0.030	0	0	0.0228	---	---	25
26	---	---	0.5308	0.305	0.057	0.112	0.025	0	0	0.0198	---	---	26
27	---	---	0.5358	0.286	0.064	0.110	0.032	0	0	0.0178	---	---	27
28	---	---	0.5248	0.313	0.060	0.120	0.030	0.001	0	0.0108	---	---	28
29	---	0B	0.7538	0.284	0.063	0.130	0.018	0.002	0	0.0058	---	---	29
30	---		0.9118	0.309	0.057	0.120	0.015	0.001	0.001	0.0028	---	---	30
31	---		0.8668		0.070		0.010	0		0.0018		---	31
TOTAL	---	---	4.966	17.763	2.875	5.675	2.278	0.852	0.183	0.291	---	---	TOTAL
MEAN	---	---	0.160	0.592	0.093	0.189	0.073	0.002	0.006	0.009	---	---	MEAN
MAX	---	---	0.911	1.33	0.277	0.345	0.312	0.013	0.032	0.024	---	---	MAX
MIN	---	---	0	0.213	0.032	0.076	0.010	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.139
MAXIMUM DAILY, 1.33 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.70 AT 13.20 MST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 23 N
LONG 112 46 58 W
DRAINAGE AREA, 312 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	197
FEB	---	AUG	4 49
MAR	429	SEP	14 1
APR	1 530	OCT	25 1
MAY	243	NOV	---
JUN	490	DEC	---

TOTAL DISCHARGE, 3 840 dam³

WATERTON - BELLY DIVERSION CANAL - STATION NO. 05AD027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	0E	0 E	5.52	21.9	23.1	43.3	40.6	8.38	12.6	0E	0E	1
2	0E	0E	0 E	5.50	26.6	24.0	43.1	39.7	8.37	14.9	0E	0E	2
3	0E	0E	0 E	5.46	33.2	24.6	43.1	39.0	8.26	16.0	0E	0E	3
4	0E	0E	0 E	5.45	33.5	31.2	43.0	38.3	8.20	17.3	0E	0E	4
5	0E	0E	0 E	5.44	32.5	38.2	43.1	37.7	8.18	17.1	0E	0E	5
6	0E	0E	0 E	5.42	32.1	38.8	43.0	36.9	7.58	16.8	0E	0E	6
7	0E	0E	0 E	5.44	31.6	42.4	42.8	36.3	7.15	16.7	0E	0E	7
8	0E	0E	0 E	5.43	31.6	42.7	42.8	35.8	7.11	16.8	0E	0E	8
9	0E	0E	0 E	5.41	31.0	43.0	42.8	34.8	7.06	16.2	0E	0E	9
10	0E	0E	0 E	5.42	32.5	43.3	42.8	33.9	7.04	18.7 A	0E	0E	10
11	0E	0E	0 E	7.11	34.8	48.2	42.8	33.0	7.01	18.4 A	0E	0E	11
12	0E	0E	0 E	11.5	34.0	46.8	42.2	32.3	6.95	17.8	0E	0E	12
13	0E	0E	0 A	12.8	33.4	43.6	42.2	24.7	6.93	19.0	0E	0E	13
13	0E	0E	0	12.3	32.0	44.6	41.8	16.3	6.88	20.4	0E	0E	14
14	0E	0E	0	12.3	38.0	44.6	41.7	10.2	6.88	21.8	0E	0E	15
15	0E	0E	0	12.2	41.3	45.7	41.7	10.2	6.88	21.0	0E	0E	16
16	0E	0E	0	12.1	36.5	40.5	41.5	9.22	6.81	19.3	0E	0E	17
17	0E	0E	0	12.1	33.8	35.0	41.1	8.20	6.80	17.8	0E	0E	18
18	0E	0E	0	12.0	34.0	35.4	40.8	8.17	6.78	15.5	0E	0E	19
19	0E	0E	0	12.0	34.4	38.8	48.4	8.10	6.76	15.2	0E	0E	20
20	0E	0E	0	12.1	36.8	41.4	47.8	8.08	6.78	13.7	0E	0E	21
21	0E	0E	0	12.1	35.2	42.5	47.2	8.05	6.75	7.73	0E	0E	22
22	0E	0E	0	12.1	35.8	42.8	46.5	8.04	6.73	0.090	0E	0E	23
23	0E	0E	0	12.2	38.4	43.2	46.0	8.04	6.72	0	0E	0E	24
24	0E	0E	0	15.5	38.4	43.3	45.5	8.03	6.73	0	0E	0E	25
25	0E	0E	0	21.1	41.1	43.2	44.9	8.03	6.73	0	0E	0E	26
26	0E	0E	0 331	21.1	41.8	43.2	44.2	8.76	6.73	0	0E	0E	27
27	0E	0E	1 36	22.6	41.9	43.2	43.8	8.71	8.33	0	0E	0E	28
28	0E	0E	3 72	24.9	41.9	43.4	43.0	8.68	9.46	0	0E	0E	29
29	0E	0E	5.43	27.0	41.9	43.4	42.3	8.60	9.43	0	0E	0E	30
30	0E		5.52	28.5	41.8	43.3	41.7	8.57	9.38	0 A	0E	0E	31
31	0E		5.51		31.7		41.1	8.51		0 E		0E	
TOTAL	0	0	21.861	368.90	1 080.1	1 211.2	1 342.6	630.44	222.87	371.720	0	0	TOTAL
MEAN	0	0	0.705	12.3	35.2	40.4	43.3	20.3	7.43	12.0	0	0	MEAN
MAX	0	0	5.52	28.5	41.9	46.8	47.8	40.6	9.46	21.9	0	0	MAX
MIN	0	0	0	5.41	21.9	23.1	40.8	8.51	6.72	0	0	0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.4
MAXIMUM DAILY, 48.6 ON JUN 14
MINIMUM DAILY, 0E ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 20 N
LONG 113 38 10 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	115 800
FEB	0	AUG	54 800
MAR	1 880	SEP	19 300
APR	31 900	OCT	32 100
MAY	84 200	NOV	0
JUN	105 000	DEC	0

TOTAL DISCHARGE, 455 000 dam³

WATERTON LAKE AT WATERTON PARK - STATION NO 05AD025

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1278.440	---	---	1278.740	1279.500	1279.360	1278.680	1278.380	1278.500	---	---	1
2	---	---	---	---	1278.720	1279.500	1279.280	1278.650	1278.388	1278.500	---	---	2
3	---	---	---	---	1278.670	1279.400	1279.220	1278.670	1278.380	1278.620	1278.480	---	3
4	1278.380	---	---	1278.330	1278.680	1279.340	1279.280	1278.660	1278.390	1278.540	---	---	4
5	1278.420	---	---	---	1278.670	1279.300	1279.140	1278.650	1278.360	1278.540	---	---	5
6	---	---	---	---	1278.660	1279.280	1279.110	1278.640	1278.380E	1278.540	---	---	6
7	---	---	1278.330	---	1278.660	1279.284E	1279.150	1278.640	1278.400	1278.530	---	---	7
8	---	1278.400	---	---	1278.680	1279.267E	1279.100	1278.610	1278.390	1278.532	---	1278.300	8
9	---	---	---	---	1278.670	1279.290	1279.050	1278.590	1278.400	1278.530	---	---	9
10	---	---	---	---	1278.660	1279.260	1279.030	1278.570	1278.420	1278.530	1278.460	---	10
11	---	---	---	1278.360	1278.660	1279.240	1279.000	1278.560	1278.430	1278.510	---	1278.350	11
12	---	---	---	1278.366	1278.668	1279.210	1278.998	1278.550	1278.448	1278.500	---	---	12
13	---	1278.370	---	---	1278.690	1279.210	1278.980	1278.570	1278.450	1278.500	---	---	13
14	---	1278.375E	1278.360	---	1278.750	1279.240	1278.840	1278.540	1278.453E	1278.510	---	---	14
15	---	1278.380	---	---	1278.830	1279.330	1278.820	1278.550	1278.455E	1278.510	---	---	15
16	---	---	---	---	1278.857E	1279.430	1278.850E	1278.530	1278.460	1278.510	---	---	16
17	---	---	---	---	1278.864E	1279.500	1278.880	1278.520	1278.460	1278.510	1278.470	---	17
18	---	---	---	1278.580	1278.910	1279.510	1278.860	1278.490	1278.440	1278.510	1278.480E	---	18
19	---	---	1278.330	---	1278.915E	1279.460	1278.850	1278.500	1278.440	1278.505E	1278.450	---	19
20	---	---	---	---	1278.920	1279.430	1278.810	1278.500	1278.450	1278.500	---	---	20
21	---	---	---	---	1278.928	1279.450	1278.790	1278.485	1278.478	1278.490	---	---	21
22	---	---	---	---	1278.880	1279.500	1278.775E	1278.480	1278.488E	1278.480	---	---	22
23	---	---	---	---	1278.240	1279.450	1278.780	1278.470	1278.500	1278.480	---	---	23
24	---	---	---	---	1278.318	1279.480	1278.735E	1278.460	1278.504	1278.460	1278.410	---	24
25	1278.420	1278.330	---	1278.670	1278.180	1279.400	1278.710	1278.440	1278.520	1278.480	---	---	25
26	---	1278.338E	---	---	1278.140	1279.450	1278.700	1278.440E	1278.520E	1278.490E	---	---	26
27	---	1278.348	---	---	1278.080	1279.480	1278.680	1278.440	1278.520	1278.500	---	---	27
28	1278.580	1278.338E	1278.340	---	1278.080	1279.477E	1278.700	1278.425	1278.510	1278.500E	---	---	28
29	---	1278.330	---	---	1278.080	1279.484E	1278.690	1278.380	1278.510	1278.500E	---	---	29
30	---		---	---	1278.380E	1279.450	1278.700	1278.400	1278.508	1278.500E	---	---	30
31	---		1278.340		1278.430E		1278.680	1278.370		1278.500		---	31
MEAN	---	---	---	---	1278.888	1279.381	1278.843	1278.532	1278.448	1278.507	---	---	MEAN
MAX	---	---	---	---	1278.430	1279.500	1279.360	1278.680	1278.530	1278.540	---	---	MAX
MIN	---	---	---	---	1278.840	1279.210	1278.680	1278.370	1278.380	1278.480	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 1279.500 ON JUN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 12 N
LONG 113 54 18 W

E - ESTIMATED

DRAINAGE AREA, 401 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERTON RESERVOIR - STATION NO. 05AD026

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1178.880	1179.955	1178.894	1180.195	1178.557	1178.578	1184.558	1178.463	1175.156	1174.225	1172.585	1174.824	1
2	1178.864	1178.947	1178.893	1180.159	1178.530	1180.223	1184.502	1178.181	1175.086	1174.144	1172.587	1174.844	2
3	1178.872	1178.943	1178.893	1180.121	1178.504	1180.726	1184.413	1178.921	1175.014	1174.083	1172.613	1174.881	3
4	1178.891	1178.942	1178.891	1180.067	1178.480	1181.095	1184.426	1178.655	1174.943	1173.980	1172.941	1174.883	4
5	1178.916	1178.939	1178.889	1180.052	1178.987	1181.341	1184.433	1178.387	1174.869	1173.871	1173.059	1174.211	5
6	1178.921	1178.937	1178.898	1180.020	1178.813	1181.510	1184.414	1178.115	1174.794	1173.788	1173.175	1174.946	6
7	1178.926	1178.931	1178.919	1179.985	1178.631	1181.631	1184.383	1177.831	1174.737	1173.729	1173.275	1174.989	7
8	1178.940	1178.927	1178.933	1178.959	1178.448	1181.758	1184.352	1177.558	1174.695	1173.668	1173.371	1175.037	8
9	1178.953	1178.926	1178.962	1178.927	1178.261	1181.896	1184.302	1177.275	1174.654	1173.597	1173.453	1175.071	9
10	1178.974	1178.910	1178.983	1178.896	1178.073	1182.015A	1184.232	1176.993	1174.610	1173.513	1173.534	1175.104	10
11	1180.002	1178.909	1180.007	1178.855	1177.845	1182.102	1184.138	1176.701	1174.568	1173.359	1173.621	1175.132	11
12	1180.005	1178.902	1180.023	1178.780	1177.624	1182.149	1184.027	1176.418	1174.533	1173.136	1173.701	1175.151	12
13	1180.002	1178.908	1180.035	1178.680	1177.415A	1182.182	1183.885A	1176.174	1174.501	1172.926	1173.787	1175.173	13
14	1179.989	1178.908	1180.049	1178.579	1177.217E	1182.198	1183.775A	1176.050	1174.469	1172.728	1173.834	1175.193	14
15	1179.984	1178.906	1180.059	1178.486	1177.010A	1182.280	1183.628A	1176.003	1174.443	1172.539	1173.899	1175.214	15
16	1179.982	1178.891	1180.075	1178.388	1176.957	1182.464	1183.482A	1175.984	1174.416	1172.349	1173.977	1175.229	16
17	1179.977	1178.892	1180.088	1178.286	1177.081	1182.778	1183.316A	1175.961	1174.396	1172.178	1174.058	1175.240	17
18	1179.971	1178.896	1180.104	1178.249	1177.218	1183.145	1183.183	1175.929	1174.373	1172.026	1174.131	1175.252	18
19	1179.955	1178.893	1180.115	1178.237	1177.347	1183.474	1183.079	1175.883	1174.342	1171.905	1174.220	1175.283	19
20	1179.955	1178.903	1180.138	1178.278	1177.501	1183.727	1182.738	1175.857	1174.314	1171.787	1174.290	1175.279	20
21	1179.950	1178.909	1180.167	1178.359	1177.725	1183.950	1182.474	1175.817	1174.300	1171.678	1174.365	1175.292	21
22	1179.958	1178.909	1180.198	1178.461	1177.881	1184.230	1182.218	1175.774	1174.288	1171.604	1174.420	1175.305	22
23	1179.958	1178.903	1180.225	1178.577	1178.204	1184.411	1181.956	1175.726	1174.285	1171.682	1174.490	1175.321	23
24	1179.962	1178.895	1180.256	1178.685	1178.366	1184.484	1181.695	1175.677	1174.303	1171.788	1174.578	1175.338	24
25	1179.962	1178.894	1180.283	1178.768	1178.488	1184.404	1181.416	1175.628	1174.311	1171.917	1174.621	1175.349	25
26	1179.960	1178.886	1180.302	1178.788	1178.535	1184.408	1181.118	1175.587	1174.317	1172.033	1174.646	1175.359	26
27	1179.960	1178.894	1180.320	1178.810	1178.553	1184.438	1180.824	1175.507	1174.325	1172.144	1174.648	1175.372A	27
28	1179.961	1178.895	1180.318	1179.792	1178.548	1184.489	1180.542	1175.434	1174.327A	1172.243	1174.701	1175.387E	28
29	1179.962	1178.895	1180.290	1179.748	1178.536	1184.536	1180.269	1175.366	1174.314E	1172.334	1174.754	1175.404E	29
30	1179.960		1180.259	1179.648	1178.572	1184.550	1180.010	1175.287	1174.277A	1172.422	1174.780	1175.420E	30
31	1179.956		1180.224		1178.893		1179.742	1175.212		1172.500		1175.440E	31
MEAN	1179.951	1178.913	1180.087	1178.728	1178.207	1182.738	1182.948	1176.592	1174.532	1172.768	1173.880	1175.180	MEAN
MAX	1180.005	1178.955	1180.320	1180.195	1178.557	1184.550	1184.558	1179.463	1175.156	1174.225	1174.780	1175.440	MAX
MIN	1178.860	1178.891	1178.889	1178.237	1178.957	1179.578	1179.742	1175.212	1174.277	1171.604	1172.585	1174.824	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1178.037
MAXIMUM DAILY, 1184.558 ON JUL 1
MINIMUM DAILY, 1171.604 ON OCT 22
MAXIMUM INSTANTANEOUS
1184.568 AT 14 20 MST ON JUL 1

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 18 N
LONG 113 40 52 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
1 270 km²

WATERTON RIVER NEAR GLENWOOD - STATION NO. 05AD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.828	7.018	3.72	1.74	1.62	1.67	25.6	2.52	2.48	1.63	1.558	2.008	1
2	1.848	6.478	3.72	1.76	1.58	1.67	25.8	2.50	2.41	1.64	1.558	1.808	2
3	1.888	6.218	3.67	1.72	1.57	1.70	17.6	2.47	2.40	1.67	1.608	2.008	3
4	2.608	6.248	3.68	1.72	1.63	1.74	2.43	2.47	2.39	1.70	1.958	2.108	4
5	3.008	6.038	3.44	1.72	1.68	1.78	2.00	2.53	2.38	1.70	2.058	2.308	5
6	4.608	5.808	1.88	1.70	1.73	1.76	1.86	2.44	2.19	1.68	2.208	2.408	6
7	6.508	5.708	2.25	1.65	1.71	1.78	1.78	2.30	1.71	1.68	2.308	2.558	7
8	7.358	5.648	2.55	1.66	1.63	1.96	1.76	2.26	1.70	1.63	2.408	2.658	8
9	7.908	5.658	1.81	1.65	1.57	2.19	1.77	2.29	1.75	1.64	2.478	2.608	9
10	8.608	5.618	1.57	1.64	1.57	2.07	1.76	2.32	1.69	1.65	2.528	2.488	10
11	9.408	5.508	1.708	1.59	1.60	1.86	1.73	2.32	1.78	1.63	2.508	2.158	11
12	10.18	5.408	2.108	1.62	1.60	1.85	1.70	2.28	1.81	1.67	2.378	2.308	12
13	9.808	5.218	2.258	1.61	1.66	1.81	1.72	2.45	1.78	1.62	1.858	2.408	13
14	9.608	5.188	2.408	1.62	1.65	1.84	1.74	2.35	1.84	1.62	2.158	2.458	14
15	9.108	5.058	2.408	1.63	1.66	1.83	1.73	2.34	1.87	1.60	2.258	2.308	15
16	8.708	5.008	2.458	1.61	1.82	1.82	1.75	2.27	1.88	1.84	2.308	2.108	16
17	8.408	4.908	2.608	1.61	1.71	1.85	1.71	2.28	1.80	1.82	2.358	1.858	17
18	8.208	4.158	2.80	1.63	1.74	1.89	1.71	2.20	1.86	1.81	2.408	1.878	18
19	8.058	4.258	2.83	1.62	1.70	1.95	1.67	2.18	1.89	1.558	2.468	2.058	19
20	7.858	5.358	1.89	1.60	1.66	1.86	1.72	2.21	1.78	1.488	2.488	2.108	20
21	7.908	5.38	1.85	1.71	1.62	2.23	1.74	2.26	1.80	1.588	2.508	2.058	21
22	7.908	5.05	1.70	1.62	1.68	8.20	1.76	2.26	1.88	1.608	2.408	2.008	22
23	7.858	4.87	1.58	1.68	1.62	17.6	1.75	2.30	2.03	1.758	2.528	1.858	23
24	7.848	4.37	1.73	1.64	1.72	28.5	1.73	2.31	1.88	1.658	2.428	1.858	24
25	7.808	3.88	1.88	1.77	1.68	32.6	2.40	2.25	1.78	1.808	2.208	2.008	25
26	7.758	4.08	1.85	1.77	1.64	25.1	2.41	2.17	1.72	1.858	2.108	1.808	26
27	7.658	4.02	1.80	1.68	1.67	25.3	2.42	2.16	1.67	1.788	2.308	1.788	27
28	7.558	3.81	1.77	1.88	1.62	25.6	2.48	2.27	1.63	1.658	2.378	1.608	28
29	7.408	3.80	1.78	1.66	1.58	25.5	2.82	2.30	1.63	1.708	2.408	1.508	29
30	7.308		1.78	1.88	1.63	25.6	2.96	2.35	1.64	1.785	2.208	1.408	30
31	7.128		1.78		1.60		2.67	2.45		1.708		1.458	31
TOTAL	219.85	151.59	70.22	50.71	53.18	251.89	124.81	72.07	55.64	51.43	67.82	84.30	TOTAL
MEAN	7.09	5.33	2.27	1.69	1.68	8.40	4.03	2.32	1.85	1.66	2.25	2.07	MEAN
MAX	10.1	7.01	3.72	1.93	1.82	32.6	25.8	2.53	2.48	1.90	2.52	2.55	MAX
MIN	1.82	3.80	1.81	1.59	1.57	1.67	1.67	2.16	1.56	1.48	1.55	1.40	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.37
MAXIMUM DAILY, 32.6 ON JUN 25
MINIMUM DAILY, 1.408 ON DEC 30
MAXIMUM INSTANTANEOUS,
34.6 AT 11 05 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 42 N
LONG 113 28 00 W
DRAINAGE AREA, 1 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 000	JUL	10 800
FEB	13 100	AUG	6 230
MAR	6 070	SEP	4 810
APR	4 380	OCT	4 440
MAY	4 510	NOV	5 830
JUN	21 800	DEC	8 980

TOTAL DISCHARGE, 107 000 dam³

WATERTON RIVER NEAR WATERTON PARK - STATION NO. 05AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.92	6.30	2.64	2.92	15.1	77.8	55.8	12.8	3.94	7.07	8.10	3.798	1
2	3.22	6.33	2.69	2.91	14.8	69.5	46.5	12.8	3.72	7.20	8.64	3.888	2
3	2.73	6.10	2.57	2.86	14.1	60.7	40.7	12.6	3.49	7.36	8.80	3.648	3
4	3.28	5.59	2.52	2.88	13.4	53.9	36.1	11.8	3.51	7.78	7.66	3.648	4
5	3.67	5.48	2.78	2.83	12.8	49.7	35.6	11.6	3.59	8.14	7.11	3.908	5
6	5.18	5.36	3.18	2.88	12.4	47.2	35.1	11.3	4.46	8.27	6.66	3.838	6
7	7.25	5.45	2.71	3.34	12.3	46.2	34.8	11.0	4.13	8.47	6.78	3.688	7
8	8.25	5.01	2.65	3.08	12.4	46.7	32.8	10.2	3.88	8.11	6.32	3.488	8
9	10.7	4.69	2.71	3.18	12.4	47.8	29.8	9.56	3.86	7.88	6.06	3.598	9
10	11.4	4.75	2.83	3.30	12.4	48.0	27.4	9.05	4.03	7.67A	6.12	3.428	10
11	11.8	4.33	2.68	3.62	12.8	44.8	25.8	8.77	4.31	8.72A	6.28	3.408	11
12	11.4	5.32	2.71	3.68	13.3	42.7	24.6	8.49	4.83	7.20	5.70	3.478	12
13	11.4	4.25	2.87	3.72	13.8	41.5	23.8	8.63	5.00	7.53	5.88	3.328	13
14	11.6	4.49	2.88	3.57	15.8	44.1	23.1	8.14	4.88	7.12	6.04	4.108	14
15	11.0 B	3.06	3.00	3.41	20.7	49.8	21.8	7.83	5.20	6.89	6.12	3.158	15
16	10.2 B	4.09	3.07	3.81	26.8	58.1	21.1	7.52	5.54	6.83	6.34	2.888	16
17	9.70B	3.72	3.08	5.62	34.2	65.0	20.3	7.24	5.42	6.77	5.70	2.608	17
18	8.80B	3.88	3.70	8.45	38.7	67.0	19.8	7.01	5.08	6.84	6.33	2.758	18
19	8.10B	4.17	3.41	11.7	37.6	63.6	18.1	7.03	4.71	6.77	5.85	3.948	19
20	7.80B	4.26	3.02	16.1	42.6	58.3	16.6	6.68	4.81	6.67	5.52	3.238	20
21	7.20B	3.73	3.03	19.0	48.4	51.8	17.6	8.27	5.44	6.53	5.25	2.938	21
22	6.70B	3.38	3.01	21.0	48.8	48.8	16.5	8.14	5.81	6.33	7.12	2.638	22
23	6.50B	2.94	3.35	21.4	46.3	62.9	15.5	8.89	5.38	6.84	6.36	2.708	23
24	6.20B	3.06	2.98	21.2	43.6	56.0	14.8	8.68	5.79	6.36	4.91	2.818	24
25	6.08B	2.78	3.05	20.9	41.1	57.3	13.9	8.58	5.80	6.70	4.40	2.768	25
26	6.18B	2.68	2.87	20.7	38.1	60.0	13.5	8.80	6.94	6.30	4.16B	2.768	26
27	6.48B	2.78	2.83	19.7	35.7	62.8	13.4	8.37	6.93	6.39	5.24B	2.898	27
28	6.27B	2.72	3.10	18.6	33.6	64.8	13.5	8.56	7.02	6.44	4.00B	2.858	28
29	6.89B	2.60	2.97	17.3	34.6	64.4	13.4	8.37	6.97	6.59	4.19B	3.018	29
30	6.22B		3.00	16.1	46.3	62.1	13.4	8.61	6.84	6.52	3.62B	3.198	30
31	6.77B		2.95		70.4		13.2	8.54		6.34		3.348	31
TOTAL	232.25	123.73	90.80	289.97	675.6	1 706.8	753.5	246.35	154.72	218.46	175.30	102.68	TOTAL
MEAN	7.49	4.27	2.93	9.67	28.2	56.9	24.3	7.85	5.16	7.05	5.84	3.31	MEAN
MAX	11.8	6.33	3.70	21.4	70.4	77.8	55.8	12.8	7.02	8.47	7.66	4.10	MAX
MIN	2.73	2.68	2.52	2.83	12.3	41.6	13.2	8.54	3.49	6.30	3.62	2.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 77.8 ON JUN 1
MINIMUM DAILY, 2.52 ON MAR 4
MAXIMUM INSTANTANEOUS,
79.8 AT 05:00 MST ON JUN 1

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 50 N
LONG 113 50 20 W
DRAINAGE AREA, 814 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 100	JUL	85 100
FEB	10 700	AUG	21 300
MAR	7 850	SEP	13 400
APR	25 100	OCT	18 900
MAY	75 700	NOV	15 100
JUN	147 000	DEC	8 850

TOTAL DISCHARGE, 428 000 dam³

WELCH CREEK TRIBUTARY NEAR LEEDALE - STATION NO 05CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0078	B 1478	0 105	0.092	0 035	0 018	0 014	0 056	0 0448	---	1
2	---	---	0 0068	B 1378	0 107	0.086	0 035	0 018	0 005	0 044	---	---	2
3	---	---	0 0108	B 1378	0 106	0 092	0 041	0 020	0	0 042	---	---	3
4	---	---	0 0128	B 1438	0 109	0 088	0 031	0.026	0	0 063	---	---	4
5	---	---	0 0148	B 1368	0 095	0 093	0 027	0.017	0	0 040	---	---	5
6	---	---	0.0208	B 1288	0 080	0 088	0 033	0 006	0 020	0 051	---	---	6
7	---	---	0 0238	0 1128	0 066	0.094	0 038	0 007	0 085	0 058	---	---	7
8	---	---	0 0268	B 0858	0 055	0 108	0 028	0 005	0 064	0 068	---	---	8
9	---	---	0 0308	0 078	0 050	0 120	0 026	0	0 044	0 060	---	---	9
10	---	---	0 0348	0 068	0 059	0 121	0 021	0 001	0 061	0 053	---	---	10
11	---	---	0 0398	0.048	0 069	0 105	0 018	0 008	0 083	0 049	---	---	11
12	---	---	0 0438	0 042	0 077	0 100	0 017	0 003	0 062	0 059	---	---	12
13	---	---	0 0488	0.044	0 084	0 083	0 034	0 007	0 048	0 064	---	---	13
14	---	---	0 0548	0.034	0 088	0 068	0 040	0 006	0 038	0 056	---	---	14
15	---	---	0 0598	0 049	0 100	0 087	0 038	0 008	0 010	0 051	---	---	15
16	---	---	0.0638	0.057	6 121	0 094	0 023	0 005	0 024	0 051	---	---	16
17	---	---	0 0678	0 064	0 128	0 088	0 014	0 004	0 029	0 0528	---	---	17
18	---	---	0 0718	0 057	0 098	0 081	0 020	0 005	0.028	0 0518	---	---	18
19	---	---	0 0748	0 052	0 090	0 082	0 016	0 010	0 028	0 0518	---	---	19
20	---	---	0 0818	0 070	0 087	0 089	0 016	0 010	0 062	0 0508	---	---	20
21	---	---	0 0878	0.075	0 088	0 083	0.022	0 011	0 123	0 0488	---	---	21
22	---	---	0 1168	0 086	0 106	0 024	0 022	0 007	0 105	0.0478	---	---	22
23	---	---	0 1708	0 030	0 083	0 012	0 016	0 004	0 080	0 0468	---	---	23
24	---	---	0 2048	0 085	0 083	0 025	0 016	0 004	0 077	0 0468	---	---	24
25	---	---	0 2208	0 074	0.090	0 036	0 017	0 001	0 071	0 0488	---	---	25
26	---	---	0 1928	B 078	0 088	0 032	0 015	0	0 071	0 0488	---	---	26
27	---	---	0.1858	0.084	0 087	0.028	0 018	0	0 071	0 0458	---	---	27
28	---	---	0.1888	B 088	0.040	0 032	0 018	0	0 067	0 0458	---	---	28
29	---	---	0 1758	B 100	0 061	0.040	0 018	0	0 065	0 0458	---	---	29
30	---	---	0 1708	B 103	0 075	0 040	0 023	0	0 063	0 0448	---	---	30
31	---	---	0 1628		0 086		B 022	0 003		0 0448	---	---	31
TOTAL	---	---	2.883	2.523	2.883	2.248	0 755	0.215	1 492	1.572	---	---	TOTAL
MEAN	---	---	0.086	0 084	0 085	0.075	0.024	0 007	0 050	0.051	---	---	MEAN
MAX	---	---	0.230	0.147	0.125	0.121	0.041	0 028	0.133	0 069	---	---	MAX
MIN	---	---	0 007	0.034	0.046	0.012	0.014	0	0	0 040	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 0.2308 ON MAR 25
MINIMUM DAILY, 0 ON AUG 9
MAXIMUM INSTANTANEOUS,
0.382 AT 05:50 MST ON OCT 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 13 N
LONG 114 25 59 W
DRAINAGE AREA, 53 6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85 2
FEB	---	AUG	18.6
MAR	230	SEP	128
APR	216	OCT	136
MAY	230	NOV	---
JUN	194	DEC	---

TOTAL DISCHARGE, 1 220 dam³

WEST ARROWWOOD CREEK NEAR ARROWWOOD - STATION NO. 05BN014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.028	0.005	0.003	0	0	0	0	---	---	1
2	---	0 B	0 B	0.022	0.005	0.002	0	0	0	0	---	---	2
3	---	0 B	0 B	0.019	0.005	0.002	0	0	0	0	---	---	3
4	---	0.001B	0 B	0.019	0.005	0.001	0	0	0	0	---	---	4
5	---	0.002B	0 B	0.020	0.005	0.002	0	0	0	0	---	---	5
6	---	0.001B	0 B	0.021	0.007	0.001	0	0	0	0	---	---	6
7	---	0.001B	0 B	0.020	0.007	0.002	0	0	0	0	---	---	7
8	---	0.001B	0 B	0.018	0.007	0.008	0	0	0	0	---	---	8
9	---	0.001B	0 B	0.015	0.005	0.020	0	0	0	0	---	---	9
10	---	0.001B	0 B	0.015	0.005	0.017	0	0	0	0	---	---	10
11	---	0 B	0 B	0.013	0.004	0.010	0	0	0	0	---	---	11
12	---	0 B	0 B	0.013	0.004	0.007	0	0	0	0	---	---	12
13	---	0 B	0 B	0.012	0.004	0.004	0	0	0	0	---	---	13
14	---	0 B	0 B	0.011	0.004	0.003	0	0	0	0	---	---	14
15	---	0 B	0 B	0.022	0.003	0.003	0	0	0	0	---	---	15
16	---	0 B	0 B	0.017	0.004	0.003	0	0	0	0	---	---	16
17	---	0 B	0.001B	0.012	0.005	0.005	0	0	0	0	---	---	17
18	---	0 B	0.005B	0.015	0.006	0.005	0	0	0	0	---	---	18
19	---	0 B	0.035B	0.018	0.005	0.004	0	0	0	0	---	---	19
20	---	0.001B	0.148B	0.016	0.004	0.005	0	0	0	0	---	---	20
21	---	0.004B	0.109B	0.012	0.004	0.004	0	0	0	0	---	---	21
22	---	0.005B	0.050B	0.010	0.003	0.007	0	0	0	0	---	---	22
23	---	0.002B	0.083B	0.008	0.003	0.011	0	0	0	0	---	---	23
24	---	0.001B	0.057B	0.006	0.004	0.010	0	0	0	0	---	---	24
25	---	0 B	0.078B	0.008	0.005	0.005	0	0	0	0	---	---	25
26	---	0 B	0.08B	0.007	0.005	0.004	0	0	0	0	---	---	26
27	---	0 B	0.060E	0.006	0.008	0.003	0	0	0	0	---	---	27
28	---	0 B	0.050E	0.005	0.005	0.002	0	0	0	0	---	---	28
29	---	0 B	0.040E	0.005	0.004	0.001	0	0	0	0	---	---	29
30	---		0.030A	0.005	0.004	0	0	0	0	0	---	---	30
31	0B		0.039		0.004		0	0		0		---	31
TOTAL	---	0.021	0.853	0.418	0.148	0.153	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.028	0.014	0.005	0.005	0	0	0	0	---	---	MEAN
MAX	---	0.005	0.148	0.028	0.007	0.020	0	0	0	0	---	---	MAX
MIN	---	0	0	0.005	0.003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.148B ON MAR 20
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 50 N
LONG 113 14 00 W
DRAINAGE AREA, 775 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1 81	AUG	0
MAR	73 7	SEP	0
APR	36 2	OCT	0
MAY	12 8	NOV	---
JUN	13 2	DEC	---

TOTAL DISCHARGE, 136 dam³

WEST PRAIRIE RIVER NEAR HIGH PRAIRIE - STATION NO. 07BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.074B	0 B	0.048B	1.36B	4.01	8.00	1.86	0.445	0.457	1.24	1.88 B	0.4228	1
2	0.075B	0 B	0.050B	1.54B	3.76	7.46	4.96	0.385	0.435	1.20	1.77 B	0.3868	2
3	0.075B	0 B	0.050B	2.02B	3.31	8.95	6.95	0.361	0.436A	1.14	1.70 B	0.4238	3
4	0.074B	0 B	0.050B	2.33B	2.93	8.19	5.58	0.360	0.436A	1.12	1.64 B	0.4468	4
5	0.072B	0 B	0.050B	2.17B	3.29	5.74	5.18	0.248	0.416	1.16	1.58 B	0.4068	5
6	0.080B	0.001B	0.049B	2.71B	4.36	5.68	5.37	0.285	0.126	1.12	1.53 B	0.3848	6
7	0.050B	0.001B	0.048B	2.72B	4.51	17.1	8.48	0.328	0.883	1.10	1.49 B	0.3348	7
8	0.040B	0.001B	0.047B	2.65B	4.09	76.0	7.70	0.363	1.78	1.05	1.53 B	0.2958	8
9	0.030B	0 B	0.046B	2.46	3.46	100	9.78	0.417	7.46	0.916	1.55 B	0.2588	9
10	0.025B	0 B	0.045B	3.20	3.16	63.7	9.48	0.801	8.86	0.891	1.56 B	0.2458	10
11	0.020B	0 B	0.045B	3.36	3.20	34.7 A	7.82	0.600	5.81	0.853	1.60 B	0.2188	11
12	0.015B	0.001B	0.045B	3.27	4.08	22.1	6.38	0.478	5.00	0.812	1.54 B	0.1958	12
13	0.010B	0.002B	0.045B	2.85	4.43	17.1	5.47	0.544	4.81	0.760	1.49 B	0.1978	13
14	0.005B	0.003B	0.045B	3.15	4.00	13.7	5.47	0.473	4.63	0.752	1.46 B	0.1428	14
15	0 B	0.004B	0.047B	3.27	3.77	11.8	5.24	0.488	4.15	0.824	1.36 B	0.1368	15
16	0 B	0.005B	0.050B	3.31	3.78	9.63	4.40	0.460	3.86	0.841	1.34 B	0.1248	16
17	0 B	0.010B	0.060B	4.13	30.3	7.22	3.60	0.439	3.30	0.820B	1.28 B	0.1168	17
18	0 B	0.010B	0.070B	5.08	75.8 A	5.86	3.23	1.24	2.88	0.820B	1.16 B	0.1308	18
19	0 B	0.015B	0.076B	5.37	48.5 A	5.17	2.82	1.35	2.82	0.700B	0.880B	0.1488	19
20	0 B	0.015B	0.080B	5.13	30.8 A	4.44	2.24	1.33	2.43	1.15 B	0.928B	0.1608	20
21	0 B	0.020B	0.085B	5.00	26.0	3.91	2.02	1.26	2.38	1.85 B	0.828B	0.1808	21
22	0 B	0.020B	0.080B	4.80	35.0	3.43	1.82	1.10	2.06	2.10 B	0.784B	0.1428	22
23	0 B	0.020B	0.084B	4.47	46.2	3.06	1.61	1.08	1.78	2.20 B	0.705B	0.1248	23
24	0 B	0.030B	0.181B	4.27	42.8	2.72	1.51	1.08	1.59	2.05 B	0.646B	0.1188	24
25	0 B	0.030B	1.20 B	3.98	36.3	2.26	1.46	1.20	1.58	1.87 B	0.578B	0.1128	25
26	0 B	0.040B	1.87 B	3.86	28.5	1.95	1.25	1.23	1.57	1.35 B	0.528B	0.1008	26
27	0 B	0.040B	1.83 B	4.32	20.6	1.72	1.02	1.13	1.52	1.88 B	0.474B	0.0958	27
28	0 B	0.045B	1.19 B	4.37	16.4	1.62	0.874	1.11	1.49	1.75 B	0.539B	0.0908	28
29	0 B	0.045B	1.15 B	4.51	13.9	1.29	0.798	1.12	1.51	1.76 B	0.515B	0.0858	29
30	0 B		0.964B	4.26	11.5	1.62	0.676	0.934	1.40	2.00 B	0.481B	0.0858	30
31	0 B		1.23 B		9.47		0.487	0.662		1.85 B		0.0958	31
TOTAL	0.826	0.368	10.736	105.85	532.32	452.20	123.875	23.526	75.849	39.018	35.457	6.386	TOTAL
MEAN	0.020	0.012	0.346	3.53	17.2	15.1	3.99	0.759	2.53	1.26	1.18	0.206	MEAN
MAX	0.075	0.045	1.83	5.37	75.8	100	9.78	1.35	7.46	2.20	1.88	0.446	MAX
MIN	0	0	0.045	1.36	2.93	1.29	0.487	0.248	0.416	0.820	0.474	0.085	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 100 ON JUN 9
MINIMUM DAILY, 0B ON JAN 15
MAXIMUM INSTANTANEOUS,
106 AT 10:30 MST ON JUN 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 26 50 N
LONG 116 29 30 W
DRAINAGE AREA, 1 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84 0	JUL	10 700
FEB	30 9	AUG	2 030
MAR	827	SEP	1 560
APR	9 150	OCT	3 370
MAY	46 000	NOV	3 060
JUN	39 100	DEC	852

TOTAL DISCHARGE, 122 000 dam³

WESTERN IRRIGATION DISTRICT CANAL "B" NEAR HEADGATE - STATION NO 05BM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.107	3.18	5.86	9.78	9.42	7.71	2.67	0.203A	0.0308	1
2	---	---	---	0.100	3.84	6.02	9.11	9.58	7.84	2.47	0.205E	0.0258	2
3	---	---	---	0.098	3.61	6.02	9.21	9.68	7.57	2.24	0.205E	0.0238	3
4	---	---	---	0.098	3.57	6.37	9.27	9.82	7.52	1.90	0.2108	0.0228	4
5	---	---	---	0.092	3.52	6.71	9.27	9.85	7.14	0.781	0.2108	0.0218	5
6	---	---	---	0.092	3.47	6.81	9.61	9.80	6.99	0.250	0.2108	0.0208	6
7	---	---	---	0.092	3.44	6.87	10.0	9.70	6.98	0.230	0.2158	0.0198	7
8	---	---	---	0.092	3.41	6.53	10.2	9.57	6.71	0.227	0.2158	0.0198	8
9	---	---	---	0.092	3.54	6.19	10.4	9.87	6.65	0.229	0.2178	0.0188	9
10	---	---	---	0.092	4.05	6.12	10.7	10.0	6.74	0.227	0.2158	0.0188	10
11	---	---	---	0.092	4.34	5.78	10.5	10.3	6.77	0.225	0.2108	0.0178	11
12	---	---	---	0.092	4.41	5.64	10.9	10.2	6.83	0.226	0.2108	0.0178	12
13	---	---	---	0.092	4.47	5.65	11.3	10.2	6.94	0.220	0.2058	0.0168	13
14	---	---	---	0.092	4.51	5.68	11.5	10.2	7.01	0.213	0.2058	0.0158	14
15	---	---	---	0.092	4.73	6.09	11.6	10.2	7.07	0.217	0.2008	0.0148	15
16	---	---	---	0.092	5.13	6.34	11.6	10.2	7.12	0.205	0.2008	0.0128	16
17	---	---	---	0.091	5.03	6.48	11.5	10.2	7.12	0.210	0.2008	0.0108	17
18	---	---	---	0.736	5.01	6.84	11.6	10.3	7.06	0.203	0.1908	0.0088	18
19	---	---	---	0.898	5.02	7.35	11.6	10.4	6.62	0.212	0.1908	0.0068	19
20	---	---	---	0.882	5.08	7.38	12.3	10.3	6.36	0.209	0.1808	0.0058	20
21	---	---	---	0.869	5.76	7.64	12.9	9.80	6.45	0.211	0.1808	0.0048	21
22	---	---	---	0.713	6.20	7.80	12.9	9.74	6.56	0.209	0.1788	0.0038	22
23	---	---	---	0.422	6.38	7.81	11.9	9.85	6.54	0.212	0.1708	0.0028	23
24	---	---	---	0.336	6.46	8.02	11.8	9.82	6.38	0.216	0.1608	0.0018	24
25	---	---	---	0.528	6.22	8.22	11.8	9.81	6.27	0.214	0.1508	0	25
26	---	---	---	1.55	5.89	8.31	11.7	9.84	6.77	0.216	0.1308	0	26
27	---	---	---	1.84	5.93	8.38	11.5	9.71	6.27	0.221	0.1008	0	27
28	---	---	0.137A	2.06	5.98	8.65	11.4	9.78	6.85	0.225	0.0808	0	28
29	---	---	0.124	2.30	5.93	8.63	11.2	9.18	3.47	0.218	0.0508	0	29
30	---	---	0.118	2.89	5.90	8.49	10.2	7.87	2.76	0.210	0.0408	0	30
31	---		0.113		5.83		9.61	7.72		0.205		0	31
TOTAL	---	---	---	17.644	149.54	208.85	337.84	300.70	194.87	15.731	5.343	0.345	TOTAL
MEAN	---	---	---	0.588	4.82	6.96	10.9	9.70	6.50	0.507	0.178	0.011	MEAN
MAX	---	---	---	2.89	6.46	8.65	12.9	10.4	7.71	2.67	0.217	0.030	MAX
MIN	---	---	---	0.091	3.18	5.64	8.76	7.72	2.76	0.203	0.040	0	MIN

SUMMARY FOR THE MONTHS APR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.04
MAXIMUM DAILY, 12.9 ON JUL 21
MINIMUM DAILY, 0.040B ON NOV 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 03 41 N
LONG 113 49 02 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	29 200
FEB	---	AUG	26 000
MAR	---	SEP	16 800
APR	1 520	OCT	1 360
MAY	12 900	NOV	462
JUN	18 000	DEC	29.8

TOTAL DISCHARGE, 105 000 dam³

WESTERN IRRIGATION DISTRICT CANAL NEAR CHESTERMERE LAKE - STATION NO 05BM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.506	14.6	12.4	17.7	19.9	14.2	1.77	0.0418	---	1
2	---	---	---	0.503	8.93	12.8	18.2	20.3	14.2	0.876	0.0408	---	2
3	---	---	---	0.488	8.01	13.0	19.4	21.4	14.2	0.420	0.0408	---	3
4	---	---	---	0.503	9.96	13.5	18.2	21.7	14.1	0.225	0.0358	---	4
5	---	---	---	0.503	7.42	17.5	17.4	19.9	13.3	0.190	0.0359	---	5
6	---	---	---	0.407	7.97	11.7	18.6	19.2	12.7	0.184	0.0309	---	6
7	---	---	---	0.287	7.30	13.8	21.8	18.7	8.28	0.158	0.0308	---	7
8	---	---	---	0.196	7.82	10.6	21.6	20.8	8.48	0.129	0.0259	---	8
9	---	---	---	0.181	8.29	10.5	20.6	20.4	8.88	0.115	0.0258	---	9
10	---	---	---	0.199	8.42	8.51	20.7	20.1	11.0	0.109	0.0208	---	10
11	---	---	---	0.214	11.2	10.6	21.6	19.6	10.4	0.105	0.0208	---	11
12	---	---	---	0.222	11.3	10.7	22.5	19.5	11.1	0.102	0.0158	---	12
13	---	---	---	0.223	10.9	10.3	23.0	19.3	10.6	0.100	0.0158	---	13
14	---	---	---	0.221	9.84	10.8	22.6	18.9	11.2	0.100	0.0108	---	14
15	---	---	---	0.215	9.86	12.0	22.1	18.7	10.6	0.093	0.0108	---	15
16	---	---	---	0.214	10.5	13.9	21.6	18.6	10.5	0.083	0.0058	---	16
17	---	---	---	0.230	8.86	18.7	22.0	19.2	10.4	0.079	0.0058	---	17
18	---	---	---	0.482	10.9	16.5	22.5	19.6	9.12	0.076	0	---	18
19	---	---	---	0.602	11.0	13.6	22.7	19.7	8.84	0.068	0	---	19
20	---	---	---	0.848	11.0	14.8	22.7	19.5	9.16	0.068	0	---	20
21	---	---	---	0.484	11.3	15.2	23.9	18.9	10.9	0.074	0	---	21
22	---	---	---	0.338	12.4	14.3	21.6	18.6	8.82	0.075	0	---	22
23	---	---	---	0.253	11.7	15.5	21.0	18.2	6.48	0.073	0	---	23
24	---	---	---	0.223	11.7	15.5	23.3	17.0	5.43	0.074	0	---	24
25	---	---	---	4.18	11.6	14.6	23.2	18.4	8.91	0.074	0	---	25
26	---	---	---	5.40	11.7	14.4	22.4	14.7	7.54	0.069	0	---	26
27	---	---	---	8.83	15.2	14.3	23.1	14.1	7.24	0.070	0	---	27
28	---	---	0.172A	13.6	12.5	14.3	21.6	10.8	5.24	0.068	0	---	28
29	---	---	0.226	15.6	12.0	16.0	21.6	11.6	4.55	0.063	0	---	29
30	---		0.542	15.2	12.0	17.4	20.6	13.6	3.30	0.053	0	---	30
31	---		0.525		12.1		17.7	14.1		0.047		---	31
TOTAL	---	---	---	71.568	329.08	404.11	658.1	561.7	287.77	5.789	0.401	---	TOTAL
MEAN	---	---	---	2.39	10.6	13.5	21.2	18.1	9.59	0.187	0.013	---	MEAN
MAX	---	---	---	15.2	15.2	17.5	23.9	21.7	14.2	1.77	0.041	---	MAX
MIN	---	---	---	0.181	5.86	8.51	17.4	10.8	3.30	0.047	0	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 23.9 ON JUL 21
MINIMUM DAILY, 0.047 ON OCT 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 01 00 N
LONG 113 50 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1908

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	58 900
FEB	---	AUG	48 500
MAR	---	SEP	24 900
APR	6 190	OCT	500
MAY	28 400	NOV	34.8
JUN	34 900	DEC	---

TOTAL DISCHARGE, 200 000 dam³

WHIRLPOOL RIVER NEAR THE MOUTH - STATION NO. 07AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2 42	19 9	72 6	58 6	24 7	11 2	---	---	1
2	---	---	---	---	2 44	15 7	51 5	57 6	21 7	10 7	---	---	2
3	---	---	---	---	2 47	14 4	42 5	54 9	18 8	11 6	---	---	3
4	---	---	---	---	2 32	14 0	41 4	55 2	17 8	14 0	---	---	4
5	---	---	---	---	2 36	14 9	47 4	53 8	22 7	13 8	---	---	5
6	---	---	---	---	2 39	18 3	52 7	56 6	31 9	11 1	---	---	6
7	---	---	---	---	2 37	22 7	42 2	47 8	26 7	10 4	---	---	7
8	---	---	---	---	2 51	26 2	33 5	40 7	23 2	18 2	---	---	8
9	---	---	---	---	2 76	32 9	30 8	47 5	22 4	21 0	---	---	9
10	---	---	---	---	2 66	31 0	30 4	51 5	21 9	17 3	---	---	10
11	---	---	---	---	2 55	36 4	29 9	50 0	20 5	18 1	---	---	11
12	---	---	---	---	2 61	47 7	28 4	46 9	20 0	16 4	---	---	12
13	---	---	---	---	2 66	57 0	27 1	43 9	19 3	13 5	---	---	13
14	---	---	---	---	3 04	63 7	26 7	37 4	18 0	11 8	---	---	14
15	---	---	---	---	3 78	75 8	26 7	36 3	16 8	10 7	---	---	15
16	---	---	---	---	4 46	77 7	25 7	35 2	16 0	9 94	---	---	16
17	---	---	---	---	4 53	59 9	36 8	38 0	37 2	8 95	---	---	17
18	---	---	---	---	4 11	44 3	51 9	43 3	68 8	8 50	---	---	18
19	---	---	---	---	4 28	36 7	57 8	35 7	50 7	8 09	---	---	19
20	---	---	---	---	5 94	30 6	51 6	29 3	36 5	8 628	---	---	20
21	---	---	---	---	5 46	31 3	42 4	27 6	30 4	8 608	---	---	21
22	---	---	---	---	4 72	36 1	34 8	28 4	25 2	8 498	---	---	22
23	---	---	---	---	4 48	47 5	34 5	31 2	21 5	8 59	---	---	23
24	---	---	---	---	4 36	60 6	38 1	28 1	18 1	8 30	---	---	24
25	---	---	---	---	4 12	68 4	42 9	27 1	17 3	8 23	---	---	25
26	---	---	---	2 49A	4 30	84 3	50 2	34 6	15 5	8 228	---	---	26
27	---	---	---	2 47	4 41	80 7	63 1	59 1	14 2	3 888	---	---	27
28	---	---	---	2 55	4 80	107	86 3	41 8	13 2	2 858	---	---	28
29	---	---	---	2 35	6 68	153	59 6	28 8	12 3	3 528	---	---	29
30	---		---	2 38	17 4	123	57 1	24 7	11 7	3 548	---	---	30
31	---		---		26 6		57 6	21 8		3 258		---	31
TOTAL	---	---	---	---	160 01	1 512 7	1 353 7	1 277 4	707 0	304 47	---	---	TOTAL
MEAN	---	---	---	---	4 84	50 4	43 7	41 2	23 6	9 82	---	---	MEAN
MAX	---	---	---	---	26 6	153	72 6	59 1	59 8	21 0	---	---	MAX
MIN	---	---	---	---	2 32	14 0	25 7	21 8	11 7	2 85	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28 8
MAXIMUM DAILY, 153 ON JUN 29
MINIMUM DAILY, 2 32 ON MAY 4
MAXIMUM INSTANTANEOUS,
169 AT 09 20 MST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 43 29 N
LONG 117 55 29 W
DRAINAGE AREA, 598 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	117 000
FEB	---	AUG	110 000
MAR	---	SEP	81 100
APR	---	OCT	26 300
MAY	13 000	NOV	---
JUN	131 000	DEC	---

TOTAL DISCHARGE, 458 000 dam³

WHISKEYJACK CREEK NEAR HINTON - STATION NO 07AD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0 009E	0 027	0 013	0 003	0 002E	0 010	0 0028	---	1
2	---	---	---	---	0 011E	0 025	0 012	0 003A	0 002E	0 021	---	---	2
3	---	---	---	---	0 013A	0 023	0 011	0 004E	0 002E	0 032	---	---	3
4	---	---	---	---	0 015E	0 022	0 010	0 004E	0 002E	0 042	---	---	4
5	---	---	---	---	0 018E	0 029	0 010	0 003E	0 002E	0 035	---	---	5
6	---	---	---	---	0 021E	0 031	0 010	0 005E	0 014E	0 028	---	---	6
7	---	---	---	---	0 024E	0 037	0 010	0 004E	0 025E	0 024	---	---	7
8	---	---	---	---	0 027E	0 050	0 009	0 004E	0 012E	0 021	---	---	8
9	---	---	---	---	0 029A	0 048	0 008	0 004E	0 008E	0 018	---	---	9
10	---	---	---	---	0 027	0 040	0 007	0 003E	0 012E	0 016	---	---	10
11	---	---	---	---	0 028	0 037	0 007	0 004E	0 010A	0 014	---	---	11
12	---	---	---	---	0 028	0 050	0 007	0 003E	0 010	0 014	---	---	12
13	---	---	---	---	0 030	0 041	0 008	0 002E	0 009	0 013	---	---	13
14	---	---	---	---	0 033	0 035	0 008	0 003E	0 008	0 011	---	---	14
15	---	---	---	---	0 037	0 033	0 007	0 003E	0 006	0 011	---	---	15
16	---	---	---	---	0 063	0 035	0 006	0 003E	0 005	0 010	---	---	16
17	---	---	---	---	0 068E	0 033	0 006	0 002E	0 005	0 010	---	---	17
18	---	---	---	---	0 065E	0 033	0 005	0 002E	0 007	0 010	---	---	18
19	---	---	---	---	0 062E	0 032	0 005	0 002E	0 006	0 010	---	---	19
20	---	---	---	---	0 057	0 029	0 005	0 002E	0 009	0 010	---	---	20
21	---	---	---	---	0 050	0 025	0 005	0 002E	0 013	0 010	---	---	21
22	---	---	---	---	0 046	0 023	0 005	0 002E	0 013	0 010	---	---	22
23	---	---	---	---	0 045	0 021	0 004	0 002E	0 011	0 010	---	---	23
24	---	---	---	---	0 042	0 018	0 004	0 002E	0 010	0 008	---	---	24
25	---	---	---	---	0 038	0 018	0 004	0 002E	0 010	0 009	---	---	25
26	---	---	---	---	0 035	0 017	0 004	0 002E	0 010	0 008	---	---	26
27	---	---	---	---	0 034	0 016	0 004	0 003E	0 009	0 009	---	---	27
28	---	---	---	---	0 032	0 015	0 003	0 003E	0 009	0 0078	---	---	28
29	---	---	---	---	0 031	0 016	0 003	0 002E	0 008	0 0088	---	---	29
30	---		---	---	0 030	0 014	0 003	0 002E	0 007	0 0058	---	---	30
31	---		---		0 030		0 003	0 002E		0 0048		---	31
TOTAL	---	---	---	---	1 078	0 874	0 208	0 067	0 258	0 448	---	---	TOTAL
MEAN	---	---	---	---	0 035	0 029	0 007	0 003	0 009	0 014	---	---	MEAN
MAX	---	---	---	---	0 068	0 050	0 013	0 005	0 025	0 042	---	---	MAX
MIN	---	---	---	---	0 008	0 014	0 003	0 002	0 002	0 004	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 018
MAXIMUM DAILY, 0 068E ON MAY 17
MINIMUM DAILY, 0 002E ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 50 N
LONG 117 32 15 W
DRAINAGE AREA, 3 13 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 8
FEB	---	AUG	7 52
MAR	---	SEP	22 3
APR	---	OCT	38 7
MAY	93 0	NOV	---
JUN	75 5	DEC	---

TOTAL DISCHARGE, 255 dam³

WHITEMUD CREEK (WEST BRANCH) NEAR IRETON - STATION NO 05DF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.024	0	0	0	0	0	0.039	---	---	1
2	---	---	0 B	0.019	0	0	0	0	0	0.026	---	---	2
3	---	---	0 B	0.015	0	0	0	0	0	0.015	---	---	3
4	---	---	0 B	0.012	0	0	0	0	0	0.010	---	---	4
5	---	---	0 B	0.009	0	0	0	0	0	0.006	---	---	5
6	---	---	0 B	0.005	0	0	0	0	0	0.004	---	---	6
7	---	---	0 B	0.002	0	0.233	0	0	0	0.003	---	---	7
8	---	---	0 B	0.001	0	0.706	0	0	0	0.002	---	---	8
9	---	---	0 B	0	0	0.816	0	0	0.080	0.001	---	---	9
10	---	---	0 B	0	0	0.895	0	0	0.113	0.001	---	---	10
11	---	---	0 B	0	0	0.388	0	0	0.195	0	---	---	11
12	---	---	0 B	0	0	0.226	0	0	0.133	0	---	---	12
13	---	---	0 B	0	0	0.137	0	0	0.100	0	---	---	13
14	---	---	0 B	0	0	0.090	0	0	0.064	0	---	---	14
15	---	---	0 B	0	0	0.050	0	0	0.037	0	---	---	15
16	---	---	0 B	0	0	0.035	0	0	0.020	0	---	---	16
17	---	---	0 B	0	0	0.026	0	0	0.007	0	---	---	17
18	---	---	0 B	0	0	0.021	0	0	0.003	0.0018	---	---	18
19	---	---	0 B	0	0	0.014	0	0	0.001	0.0028	---	---	19
20	---	---	0 B	0	0	0.007	0	0	0	0.0028	---	---	20
21	---	---	0 B	0	0	0.002	0	0	0.001	0.0028	---	---	21
22	---	---	0.0508	0	0	0	0	0	0.182	0.0028	---	---	22
23	---	---	0.1808	0	0	0	0	0	0.640	0.0028	---	---	23
24	---	---	0.3098	0	0	0	0	0	0.527	0.0038	---	---	24
25	---	---	0.2358	0	0	0	0	0	0.330	0.0038	---	---	25
26	---	---	0.1208	0	0	0	0	0	0.230	0.0048	---	---	26
27	---	---	0.0858	0	0	0	0	0	0.157	0.0068	---	---	27
28	---	---	0.0698	0	0	0	0	0	0.113	0.0068	---	---	28
29	---	---	0.056	0	0	0	0	0	0.080	0.006	---	---	29
30	---		0.039	0	0	0	0	0	0.054	0.0058	---	---	30
31	---		0.031		0		0	0		0.0058		---	31
TOTAL	---	---	1.175	0.087	0	3.451	0	0	3.027	0.156	---	---	TOTAL
MEAN	---	---	0.038	0.003	0	0.115	0	0	0.101	0.005	---	---	MEAN
MAX	---	---	0.309	0.024	0	0.816	0	0	0.640	0.039	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.816 ON JUN 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS
0.871 AT 15 25 MST ON JUN 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 20 N
LONG 113 41 23 W
DRAINAGE AREA, 63.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	102	SEP	262
APR	7.52	OCT	13.5
MAY	0	NOV	---
JUN	298	DEC	---

TOTAL DISCHARGE, 683 dam³

WHITEMUD CREEK NEAR ELLERSLIE - STATION NO. 05DF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.29 B	0.003	0.061	0.008	0	0	0.529	---	---	1
2	---	---	0 B	0.937B	0.002	0.104	0.003	0	0	0.451	---	---	2
3	---	---	0 B	0.616B	0.004	0.083	0.002	0	0	0.438	---	---	3
4	---	---	0 B	0.269B	0.013	0.044	0.002	0	0	0.382	---	---	4
5	---	---	0 B	0.260B	0.012	0.026	0.001	0	0	0.332	---	---	5
6	---	---	0 B	0.220B	0.003	0.024	0.004	0	0.008	0.257	---	---	6
7	---	---	0 B	0.130	0.003	0.029	0.004	0	0.010	0.283	---	---	7
8	---	---	0 B	0.076	0.002	0.288	0.001	0	0.010	0.316	---	---	8
9	---	---	0 B	0.023	0.005	0.535	0	0	0.348	0.307	---	---	9
10	---	---	0 B	0.013	0.010	0.898	0	0.004	0.355	0.295	---	---	10
11	---	---	0 B	0.021	0.005	0.881	0	0.835	0.220	0.268	---	---	11
12	---	---	0 B	0.010	0.016	0.605	0	0.034	0.311	0.283	---	---	12
13	---	---	0 B	0.007	0.010	1.88	0.001	0.034	0.281	0.305	---	---	13
14	---	---	0 B	0.008	0.025	1.45	0.001	0.030	0.206	0.299	---	---	14
15	---	---	0 B	0.009	0.008	0.620	0.070	0.010	0.334	0.265	---	---	15
16	---	---	0 B	0.013	0.007	0.355	0.073	0.065	0.382	0.2708	---	---	16
17	---	---	0 B	0.004	0.004	0.214	0.828	0.002	0.332	0.2708	---	---	17
18	---	---	0 B	0.008	0.003	0.147	0.011	0	0.286	0.2558	---	---	18
19	---	---	0 B	0.021	0.005	0.088	0.005	0	0.256	0.2358	---	---	19
20	---	---	0.0058	0.008	0.003	0.073	0.002	0	0.204	0.2108	---	---	20
21	---	---	0.0808	0.005	0.003	0.050	0	0	0.273	0.1908	---	---	21
22	---	---	0.1208	0.004	0.003	0.188	0	0	0.367	0.1948	---	---	22
23	---	---	2.20 B	0.003	0.028	0.081	0	0	0.699	0.1948	---	---	23
24	---	---	4.27 B	0.010	0.084	0.043	0	0	1.47	0.1928	---	---	24
25	---	---	3.46 B	0.053	0.104	0.037	0	0	1.94	0.1888	---	---	25
26	---	---	2.81 B	0.032	0.080	0.027	0.003	0	1.46	0.1808	---	---	26
27	---	---	1.55 B	0.005	0.077	0.018	0.010	0.003	1.06	0.1678	---	---	27
28	---	---	1.10 B	0.002	0.080	0.012	0.008	0.007	0.817	0.1388	---	---	28
29	---	---	1.14 B	0.004	0.059	0.010	0.005	0.002	0.702	0.1088	---	---	29
30	---		1.24 B	0.004	0.040	0.008	0.001	0	0.609	0.0838	---	---	30
31	---		1.29 B		0.158		0.001	0		0.0808		---	31
TOTAL	---	---	19.245	4.049	0.857	9.237	0.244	0.185	12.938	7.953	---	---	TOTAL
MEAN	---	---	0.621	0.135	0.026	0.306	0.008	0.005	0.431	0.257	---	---	MEAN
MAX	---	---	4.27	1.29	0.158	1.88	0.073	0.035	1.94	0.529	---	---	MAX
MIN	---	---	0	0.002	0.002	0.006	0	0	0	0.080	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.223
MAXIMUM DAILY, 4.27B ON MAR 24
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 24 44 N
LONG 113 35 30 W
DRAINAGE AREA, 335 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21.1
FEB	---	AUG	14.3
MAR	1 680	SEP	1 120
APR	349	OCT	687
MAY	74.0	NOV	---
JUN	798	DEC	---

TOTAL DISCHARGE, 4 720 dam³

WHITEMUD RIVER NEAR DIXONVILLE - STATION NO. 07HA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1008	0.0828	0.0758	1.308	2.03	21.3	26.9	1.55	1.62	1.27	1.28 B	0.3408	1
2	0.1008	0.0828	0.0778	1.268	1.73	17.8	41.3	1.43	1.63	1.27	1.34 B	0.3288	2
3	0.0988	0.0518	0.0788	1.238	1.62	14.0	44.8	1.32	1.56	1.30	1.38 B	0.3208	3
4	0.0858	0.0518	0.0798	1.238	1.65	11.0	41.8	1.23	2.15	1.34	1.36 B	0.3168	4
5	0.0928	0.0518	0.0808	1.208	1.71	9.46	36.8	1.24	2.84	1.35	1.32 B	0.3208	5
6	0.0858	0.0518	0.0828	1.808	1.62	9.17	35.2	2.11	2.82	1.40	1.24 B	0.3288	6
7	0.0808	0.0508	0.0838	2.208	1.63	12.7	38.0	2.40	2.87	1.44	1.15 B	0.3288	7
8	0.0758	0.0508	0.0868	2.018	1.72	22.2	41.4	2.03	2.87	1.54	1.09 B	0.3248	8
9	0.0708	0.0508	0.0838	2.108	1.70	26.8	40.7	1.76	3.23	1.69	0.9748	0.3088	9
10	0.0688	0.0508	0.0888	1.738	1.78	27.7	36.1	1.55	3.83	1.72	0.9368	0.2968	10
11	0.0658	0.0518	0.0868	1.77	1.88	22.8	28.6	1.43	3.82	1.69	0.8848	0.2888	11
12	0.0628	0.0538	0.0878	1.58	1.91	18.5	24.3	1.35	3.71	1.73	0.8488	0.2808	12
13	0.0608	0.0548	0.1098	1.48	1.78	14.8	19.9	1.26	3.53	1.84	0.8128	0.2728	13
14	0.0588	0.0558	0.1168	1.47	1.75	12.5	16.0	1.14	3.26	2.07	0.7768	0.2648	14
15	0.0568	0.0568	0.1148	1.70	1.69	9.90	14.0	1.08	2.98	2.06	0.7528	0.2568	15
16	0.0558	0.0588	0.1088	2.18	1.72	8.14	12.7	1.07	2.86	2.08	0.7348	0.2528	16
17	0.0548	0.0628	0.1028	3.47	1.96	6.75	10.7	1.79	2.81	2.078	0.7048	0.2508	17
18	0.0528	0.0808	0.0978	2.72	4.49	5.75	8.17	2.24	2.86	2.038	0.6988	0.2498	18
19	0.0518	0.0818	0.0938	3.21	11.5	5.00	6.68	2.02	2.36	1.84	0.6928	0.2448	19
20	0.0508	0.0638	0.1148	3.83	17.2	4.48	5.88	2.01	2.19	2.13	0.6918	0.2408	20
21	0.0508	0.0648	0.1588	3.86	23.1	4.34	5.47	2.33	2.04	2.588	0.7048	0.2368	21
22	0.0498	0.0658	0.1808	3.37	47.8	4.18	5.08	2.18	1.85	2.468	0.6868	0.2348	22
23	0.0488	0.0688	0.2238	2.70	61.0	4.06	4.64	2.30	1.74	1.548	0.6808	0.2328	23
24	0.0508	0.0688	0.2118	2.56	71.2	3.86	4.29	2.33	1.68	1.548	0.6368	0.2318	24
25	0.0518	0.0898	0.2538	2.58	74.0	3.70	3.77	2.10	1.61	1.948	0.5848	0.2308	25
26	0.0538	0.0708	0.5818	2.66	68.8	3.47	3.38	1.89	1.55	1.988	0.5128	0.2298	26
27	0.0538	0.0728	0.8798	2.40	63.8	3.08	2.88	1.87	1.49	1.568	0.4688	0.2288	27
28	0.0538	0.0738	1.198	2.18	56.7	2.83	2.56	2.09	1.44	1.388	0.4168	0.2268	28
29	0.0538	0.0748	1.668	2.06	45.0	2.74	2.26	1.96	1.38	1.348	0.3848	0.2248	29
30	0.0528		1.528	2.16	33.3	4.89	1.93	1.77	1.36	1.308	0.3648	0.2228	30
31	0.0528		1.458		25.9		1.71	1.59		1.288		0.2208	31
TOTAL	1.891	1.688	10.242	65.41	532.78	319.80	569.43	54.42	71.38	52.78	25.131	8.315	TOTAL
MEAN	0.064	0.058	0.330	2.18	20.4	10.7	18.4	1.76	2.38	1.70	0.838	0.268	MEAN
MAX	0.100	0.074	1.66	3.83	74.0	26.8	44.8	2.40	3.83	2.58	1.38	0.348	MAX
MIN	0.048	0.050	0.075	1.20	1.62	2.74	1.71	1.07	1.36	1.27	0.384	0.220	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.55
MAXIMUM DAILY, 74.0 ON MAY 25
MINIMUM DAILY, 0.0488 ON JAN 22
MAXIMUM INSTANTANEOUS,
74.3 AT 22:00 MST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 30 40 N
LONG 117 39 32 W
DRAINAGE AREA, 2 010 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	172	JUL	48 200
FEB	147	AUG	4 700
MAR	828	SEP	6 180
APR	5 650	OCT	4 560
MAY	54 700	NOV	2 170
JUN	27 600	DEC	718

TOTAL DISCHARGE, 157 000 dam³

WILDHAY RIVER NEAR HINTON - STATION NO 07AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.47	10.3	19.8	6.89	4.55	7.55	---	---	1
2	---	---	---	---	2.61	9.77	17.6	6.94	4.52	8.28	---	---	2
3	---	---	---	---	2.62	9.59	15.9	7.64	4.35	10.0	---	---	3
4	---	---	---	---	2.43	9.66	15.1	7.74	4.25	12.7	---	---	4
5	---	---	---	---	2.35	10.1	15.3	7.45	4.12	15.4	---	---	5
6	---	---	---	---	2.48	11.9	15.5	7.40	5.40	15.5	---	---	6
7	---	---	---	---	2.67	14.2	15.9	7.39	5.95	16.0	---	---	7
8	---	---	---	---	2.89	19.8	14.5	6.85	5.64	17.1	---	---	8
9	---	---	---	---	3.24	25.3	13.3	6.54	5.86	17.1	---	---	9
10	---	---	---	---	3.15	25.2	12.8	6.30	6.26	16.7	---	---	10
11	---	---	---	---	2.92	25.7	12.4	6.06	6.43	16.4	---	---	11
12	---	---	---	---	3.16	30.1	12.4	5.83	6.75	16.4	---	---	12
13	---	---	---	---	3.56	32.6	12.6	5.74	6.85	15.5	---	---	13
14	---	---	---	---	3.99	33.9	12.1	5.82	6.58	14.5	---	---	14
15	---	---	---	---	4.50	33.1	11.4	5.50	6.30	13.4	---	---	15
16	---	---	---	---	5.82	32.6	10.9	5.13	6.05	12.7	---	---	16
17	---	---	---	---	6.87	29.1	10.6	5.84	6.24	12.0	---	---	17
18	---	---	---	---	6.52	25.4	10.6	5.63	7.27	11.1	---	---	18
19	---	---	---	---	6.62	22.9	10.3	5.48	8.68	10.3	---	---	19
20	---	---	---	---	7.15	20.6	9.90	5.26	9.82	9.90	---	---	20
21	---	---	---	---	7.01	18.8	9.37	5.03	10.8	9.32	---	---	21
22	---	---	---	---	6.49	18.3	8.90	4.86	10.3	8.62	---	---	22
23	---	---	---	---	6.56	18.6	8.47	4.78	9.60	8.75	---	---	23
24	---	---	---	---	6.47	19.3	8.11	4.84	8.97	8.47	---	---	24
25	---	---	---	---	6.08	19.6	7.85	4.90	8.43	8.50	---	---	25
26	---	---	---	2.86A	5.94	19.3	7.71	4.44	7.93	8.008	---	---	26
27	---	---	---	2.79	6.32	19.0	7.69	4.69	7.54	8.008	---	---	27
28	---	---	---	2.67	6.17	19.1	7.63	5.07	7.36	4.608	---	---	28
29	---	---	---	2.52	6.26	20.3	7.48	4.85	7.21	4.728	---	---	29
30	---		---	2.47	7.34	22.0	7.30	4.63	7.30	4.878	---	---	30
31	---		---		10.3		7.13	4.51		4.908		---	31
TOTAL	---	---	---	---	152.77	627.12	357.75	182.54	207.56	345.28	---	---	TOTAL
MEAN	---	---	---	---	4.93	20.9	11.5	5.89	6.92	11.1	---	---	MEAN
MAX	---	---	---	---	10.3	33.9	19.8	7.74	10.8	17.1	---	---	MAX
MIN	---	---	---	---	2.35	9.59	7.13	4.44	4.12	4.80	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 33.9 ON JUN 14
MINIMUM DAILY, 2.35 ON MAY 5
MAXIMUM INSTANTANEOUS,
35.6 AT 08:00 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 24 N
LONG 117 56 49 W
DRAINAGE AREA, 958 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	30 800
FEB	---	AUG	15 800
MAR	---	SEP	17 900
APR	---	OCT	28 800
MAY	13 200	NOV	---
JUN	54 200	DEC	---

TOTAL DISCHARGE, 182 000 dam³

WILLOW CREEK ABOVE CHAIN LAKES - STATION NO. 05AB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0238	0.0608	0.0768	0.2408	0.288	0.584	0.428	0.081	0	0.070	0.0878	0.0588	1
2	0.0269	0.0588	0.0718	0.2308	0.323	0.565	0.401	0.072	0	0.078	0.0888	0.0585	2
3	0.0288	0.0598	0.0738	0.2208	0.333	0.538	0.370	0.068	0	0.089	0.0848	0.0628	3
4	0.0308	0.0608	0.0818	0.2108	0.323	0.586	0.336	0.062	0	0.099	0.0918	0.0658	4
5	0.0338	0.0698	0.0918	0.1948	0.336	0.640	0.336	0.073	0	0.104	0.0948	0.0688	5
6	0.0338	0.0888	0.0728	0.2548	0.371	0.655	0.303	0.057	0	0.105	0.0988	0.0708	6
7	0.0328	0.0798	0.0848	0.2488	0.388	0.647	0.283	0.044	0	0.104	0.1008	0.0718	7
8	0.0298	0.0788	0.0828	0.2498	0.417	1.00	0.269	0.035	0	0.103	0.1068	0.0748	8
9	0.0288	0.0808	0.0598	0.2368	0.450	1.04	0.248	0.025	0	0.105	0.1108	0.0708	9
10	0.0278	0.0778	0.0568	0.2498	0.420	1.09	0.224	0.020	0	0.159	0.0978	0.0678	10
11	0.0318	0.0748	0.0588	0.2588	0.386	1.36	0.203	0.015	0	0.150	0.0958	0.0608	11
12	0.0328	0.0768	0.0608	0.2568	0.371	1.18	0.179	0.013	0	0.134	0.0948	0.0538	12
13	0.0288	0.0838	0.0548	0.2158	0.355	1.11	0.169	0.010	0	0.146	0.0948	0.0498	13
14	0.0288	0.0798	0.0518	0.2348	0.357	1.06	0.178	0.005	0	0.145	0.0898	0.0518	14
15	0.0278	0.0728	0.0488	0.2868	0.466	0.979	0.158	0.007	0.004	0.144	0.0788	0.0568	15
16	0.0258	0.0708	0.0588	0.354	1.68	0.953	0.143	0.004	0.004	0.148	0.0758	0.0528	16
17	0.0238	0.0708	0.0638	0.375	1.41	0.925	0.128	0.002	0.002	0.148	0.0778	0.0478	17
18	0.0248	0.0758	0.0608	0.336	1.14	0.808	0.113	0	0.002	0.156	0.0788	0.0448	18
19	0.0258	0.0848	0.1308	0.415	1.02	0.781	0.100	0	0.001	0.165	0.0798	0.0478	19
20	0.0268	0.0948	0.1908	0.509	0.881	0.868	0.088	0	0.004	0.1588	0.0808	0.0478	20
21	0.0278	0.0858	0.1708	0.452	0.770	0.778	0.098	0	0.010	0.1528	0.0768	0.0468	21
22	0.0298	0.0718	0.1908	0.420	0.698	1.58	0.117	0	0.024	0.1488	0.0638	0.0438	22
23	0.0308	0.0568	0.2708	0.358	0.647	1.23	0.108	0	0.037	0.1408	0.0788	0.0418	23
24	0.0328	0.0618	0.2818	0.328	0.825	0.880	0.092	0	0.041	0.1248	0.0728	0.0398	24
25	0.0338	0.0578	0.2908	0.307	0.818	0.779	0.078	0	0.044	0.1388	0.0588	0.0388	25
26	0.0378	0.0588	0.2308	0.315	0.625	0.678	0.061	0	0.050	0.1298	0.0648	0.0378	26
27	0.0418	0.0658	0.2408	0.301	0.678	0.595	0.057	0	0.054	0.1208	0.0628	0.0358	27
28	0.0458	0.0748	0.2608	0.303	0.609	0.523	0.058	0	0.057	0.1118	0.0618	0.0348	28
29	0.0458	0.0788	0.2408	0.282	0.567	0.470	0.078	0	0.060	0.1028	0.0618	0.0348	29
30	0.0508		0.2508	0.273	0.581	0.441	0.103	0	0.065	0.0948	0.0598	0.0338	30
31	0.0568		0.2508		0.612		0.093	0		0.0918		0.0328	31
TOTAL	0.986	2.089	4.128	8.911	18.782	28.456	5.595	0.597	0.450	3.864	2.471	1.579	TOTAL
MEAN	0.032	0.072	0.133	0.287	0.606	0.842	0.180	0.019	0.015	0.125	0.082	0.051	MEAN
MAX	0.056	0.094	0.281	0.509	1.68	1.58	0.428	0.061	0.065	0.070	0.059	0.032	MAX
MIN	0.023	0.057	0.048	0.198	0.288	0.441	0.057	0	0				MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 1.68 ON JUN 10
MINIMUM DAILY, 0 ON AUG 18
MAXIMUM INSTANTANEOUS,
2.09 AT 05:54 MST ON MAY 16

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 47 N
LONG 114 12 48 W
DRAINAGE AREA 183 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85.2	JUL	483
FEB	181	AUG	51.6
MAR	357	SEP	39.7
APR	770	OCT	334
MAY	1 620	NOV	213
JUN	2 290	DEC	136

TOTAL DISCHARGE, 6 580 dam³

WILLOW CREEK BELOW LANE CREEK - STATION NO. 05AB039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.5728	0.5738	0.574	0.535	0.288	0.310	0.328	0.231	---	---	1
2	---	---	0.5638	0.5568	0.564	0.527	0.284	0.242	0.314	0.263	---	---	2
3	---	---	0.5558	0.5398	0.573	0.501	0.289	0.248	0.301	0.292	---	---	3
4	---	---	0.5458	0.5078	0.571	0.457	0.253	0.224	0.305	0.311	---	---	4
5	---	---	0.5388	0.7288	0.618	0.520	0.239	0.204	0.281	0.334	---	---	5
6	---	---	0.5288	0.7738	0.787	0.434	0.240	0.186	0.273	0.345	---	---	6
7	---	---	0.5208	0.7358	0.822	0.690	0.227	0.172	0.300	0.353	---	---	7
8	---	---	0.5138	0.6758	0.838	0.687	0.205	0.165	0.333	0.376	---	---	8
9	---	---	0.5168	0.6488	0.804	1.37	0.189	0.167	0.385	0.390	---	---	9
10	---	---	0.4988	0.6108	0.743	1.96	0.159	0.155	0.504	0.431	---	---	10
11	---	---	0.4918	0.594	0.688	1.32	0.142	0.152	0.412	0.521	---	---	11
12	---	---	0.4838	0.548	0.647	1.06	0.123	0.162	0.459	0.605	---	---	12
13	---	---	0.3858	0.538	0.583	0.910	0.113	0.162	0.371	0.6238	---	---	13
14	---	---	0.3858	0.535	0.548	0.793	0.122	0.151	0.319	0.5648	---	---	14
15	---	---	0.3678	0.578	0.509	0.788	0.353	0.153	0.286	0.5078	---	---	15
16	---	---	0.3908	0.624	1.60	0.733	0.501	0.148	0.285	0.5048	---	---	16
17	---	---	0.4658	0.705	1.77	0.685	0.556	0.149	0.284	0.4958	---	---	17
18	---	---	0.5508	0.772	1.28	0.640	0.561	0.158	0.248	0.4808	---	---	18
19	---	---	0.6358	0.857	1.03	0.582	0.548	0.160	0.265	0.4688	---	---	19
20	---	---	0.7208	1.03	0.887	0.555	0.574	0.190	0.349	0.4478	---	---	20
21	---	0.6828	0.8058	0.941	0.827	0.615	0.616	0.201	0.535	0.4258	---	---	21
22	---	0.5948	0.8948	0.836	0.720	1.05	0.617	0.209	0.572	0.4048	---	---	22
23	---	0.5408	1.10 R	0.730	0.667	1.28	0.683	0.221	0.541	0.3828	---	---	23
24	---	0.5508	1.07 R	0.658	0.614	1.00	0.368	0.312	0.455	0.3618	---	---	24
25	---	0.5608	0.9788	0.617	0.643	0.785	0.281	0.334	0.409	0.3388	---	---	25
26	---	0.5718	0.8238	0.626	0.677	0.636	0.241	0.215	0.351	0.3188	---	---	26
27	---	0.5858	0.6648	0.614	0.713	0.536	0.208	0.232	0.292	0.2968	---	---	27
28	---	0.5898	0.6408	0.599	0.729	0.458	0.269	0.262	0.265	0.2758	---	---	28
29	---	0.9308	0.5248	0.606	0.646	0.386	0.349	0.267	0.249	0.2538	---	---	29
30	---		0.6078	0.600	0.578	0.325	0.435	0.255	0.231	0.2328	---	---	30
31	---		0.5908		0.555		0.385	0.277		0.2328		---	31
TOTAL	---	---	15.015	20.064	23.659	22.789	10.233	6.232	10.453	12.068	---	---	TOTAL
MEAN	---	---	0.613	0.669	0.783	0.780	0.330	0.201	0.348	0.389	---	---	MEAN
MAX	---	---	1.10	1.77	1.77	1.96	0.617	0.310	0.572	0.632	---	---	MAX
MIN	---	---	0.367	0.535	0.548	0.325	0.113	0.148	0.231	0.231	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.508
MAXIMUM DAILY, 1.77 ON MAY 17
MINIMUM DAILY, 0.113 ON JUL 13
MAXIMUM INSTANTANEOUS,
2.20 AT 23:03 MST ON MAY 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 25 N
LONG 113 56 21 W
DRAINAGE AREA, 727 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	884
FEB	---	AUG	536
MAR	1 540	SEP	903
APR	1 740	OCT	1 040
MAY	2 040	NOV	---
JUN	1 970	DEC	---

TOTAL DISCHARGE, 10 800 dam³

WILLOW CREEK NEAR CLARESHOLM - STATION NO. 05AB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.840B	1.01 B	0.393	0.288	0.299	0.228E	0.277	0.091	0.128	0.321B	0.250B	1
2	0.750B	0.700B	0.957B	0.387	0.387	0.215	0.200	0.120	0.099	0.449B	0.220B	0.250B	2
3	0.850B	0.671B	0.800B	0.470	0.411	0.357	0.091	0.180	0.138	0.111	0.417B	0.250B	3
4	0.950B	0.650B	0.720B	0.411	0.405	0.315	0.030	0.038	0.124	0.035	0.449B	0.351B	4
5	1.03 B	0.645B	0.690B	0.428	0.442	0.295	0.039	0.151	0.138	0.066	0.339B	0.423B	5
6	1.10 B	0.643B	0.640B	0.603	0.553	0.277	0.021	0.138	0.099	0.072	0.339B	0.423B	6
7	0.980B	0.640B	0.603B	0.694	0.789	0.345	0.030	0.072	0.035	0.142	0.500B	0.621B	7
8	0.900B	0.640B	0.655B	0.678	0.742	0.433	0.039	0.066	0.133	0.083	0.860B	0.588B	8
9	0.780B	0.500B	0.527B	0.521	0.685	0.576	0.051	0.043	0.185	0.124	0.670B	0.553B	9
10	0.780B	0.150B	0.490B	0.513	0.675	1.43	0.020	0.035	0.200	0.136	0.888B	0.410B	10
11	0.810B	0.380B	0.390B	0.484	0.630	1.39	0.026	0.010	0.268	0.115	0.521B	0.380B	11
12	0.833B	0.500B	0.291B	0.442	0.417	1.18	0.004E	0.008	0.230	0.107	0.723B	0.440B	12
13	0.820B	0.561B	0.260B	0.494	0.428	0.695	0.003E	0.023	0.321	0.107	0.498B	0.370B	13
14	0.800B	0.600B	0.229B	0.484	0.387	0.751	0.011	0.026	0.268	0.142	0.463B	0.240B	14
15	0.770B	0.605B	0.260B	0.327	0.387	0.389	0.004E	0.037	0.205	0.133	0.299B	0.140B	15
16	0.720B	0.580B	0.269B	0.327	0.411	0.498	0.005E	0.008	0.185	0.156	0.345B	0.160B	16
17	0.700B	0.337B	0.250B	0.338	1.88	0.449	0.013	0.004E	0.103	0.190	0.327B	0.200B	17
18	0.663B	0.445B	0.220B	0.648	1.82	0.376	0.393	0.005E	0.089	0.310	0.411B	0.230B	18
19	0.600B	0.520B	0.195	0.645	1.24	0.282	0.351	0.002E	0.060	0.327	0.577B	0.130B	19
20	0.550?	0.572B	0.411	0.915	1.01	0.293	0.383	0.003	0.063	0.321	0.704B	0.110B	20
21	0.520B	0.750B	0.589	1.14	0.704	0.357	0.423	0	0.156	0.185	0.594B	0.130B	21
22	0.580B	0.690B	0.565	0.987	0.821	0.477	0.463	0.004E	0.293	0.185	0.585B	0.150B	22
23	0.630B	0.928B	1.22	0.818	0.594	0.827	0.491	0.007	0.423	0.240	0.657B	0.180B	23
24	0.681B	0.720B	1.19	0.704	0.594	1.08	0.405	0.014	0.393	0.240	0.761B	0.170B	24
25	0.770B	0.650B	1.13	0.912	0.456	0.781	0.260	0.003E	0.381	0.293	0.885B	0.140B	25
26	0.840B	0.320B	0.435	0.577	0.470	0.435	0.205	0.008	0.260	0.288	0.561B	0.110B	26
27	0.900B	0.252B	0.761	0.545	0.477	0.345	0.043	0.013	0.235	0.185	0.537B	0.105B	27
28	0.880B	0.257B	0.395	0.553	0.563	0.310	0.016	0.021	0.215	0.484B	0.290B	0.100B	28
29	1.00 B	0.261B	0.561	0.470	0.594	0.255	0.051	0.020	0.185	0.200B	0.361B	0.105B	29
30	0.890B		0.603	0.398	0.491	0.242E	0.375	0.115	0.151	0.004B	0.376B	0.100B	30
31	0.863B		0.456		0.345		0.359	0.083		0.030B		0.120B	31
TOTAL	24.980	16.108	17.896	17.191	19.787	16.312	5.068	1.814	5.779	5.190	15.293	7.880	TOTAL
MEAN	0.805	0.555	0.581	0.573	0.638	0.544	0.163	0.052	0.193	0.167	0.510	0.254	MEAN
MAX	1.10	0.940	1.22	1.14	1.82	1.82	0.691	0.277	0.433	0.484	0.865	0.621	MAX
MIN	0.520	0.150	0.195	0.327	0.288	0.242	0.003	0	0.038	0.004	0.299	0.100	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.619
MAXIMUM DAILY, 1.88 ON MAY 17
MINIMUM DAILY, 0 ON AUG 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 01 05 N
LONG 113 42 50 W
DRAINAGE AREA, 1 160 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 160	JUL	436
FEB	1 390	AUG	139
MAR	1 550	SEP	499
APR	1 490	OCT	448
MAY	1 710	NOV	320
JUN	1 410	DEC	681

TOTAL DISCHARGE, 13 200 dam³

WILLOW CREEK NEAR NOLAN - STATION NO. 05AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.33 B	0.902	0.310	0.035	0.054	0.280	0.021	0.258	---	---	1
2	---	---	1.36 B	0.835	0.277	0.027	0.056	0.263	0.018	0.241	---	---	2
3	---	---	1.35 B	0.814	0.265	0.081	0.062	0.251	0.022	0.227	---	---	3
4	---	---	1.36 B	0.795	0.258	0.052	0.065	0.244	0.024	0.210	---	---	4
5	---	---	1.37 B	0.772	0.313	0.057	0.063	0.190	0.022	0.208	---	---	5
6	---	---	1.37 B	0.719	0.358	0.089	0.075	0.196	0.025	0.184	---	---	6
7	---	---	1.36 B	0.777	0.412	0.123	0.078	0.191	0.025	0.163	---	---	7
8	---	---	1.28 B	0.885	0.455	0.156	0.083	0.186	0.033	0.170	---	---	8
9	---	---	0.960B	0.913	0.322	0.175	0.087	0.137	0.033	0.307	---	---	9
10	---	---	0.700B	0.828	0.408	0.178	0.084	0.087	0.037	0.313	---	---	10
11	---	---	0.640B	0.742	0.403	1.00	0.088	0.072	0.040	0.254	---	---	11
12	---	---	0.622B	0.665	0.385	1.14	0.057	0.075	0.044	0.243	---	---	12
13	---	---	0.610B	0.638	0.280	0.800	0.058	0.072	0.047	0.232	---	---	13
14	---	---	0.610B	0.556	0.213	0.478	0.063	0.062	0.114	0.228	---	---	14
15	---	---	0.619B	0.452	0.124	0.185	0.083	0.054	0.180	0.208	---	---	15
16	---	---	0.630B	0.274	0.267	0.035	0.067	0.068	0.215	0.202	---	---	16
17	---	---	0.658B	0.181	0.319	0.029	0.065	0.042	0.206	0.218	---	---	17
18	---	---	0.697B	0.274	0.537	0.037	0.057	0.039	0.181	0.253	---	---	18
19	---	---	0.734B	0.615	1.20	0.078	0.047	0.034	0.159	0.328	---	---	19
20	---	---	0.704B	0.827	0.968	0.135	0.040	0.030	0.151	0.302	---	---	20
21	---	---	0.904B	0.770	0.758	0.221	0.038	0.030	0.187	0.385	---	---	21
22	---	---	0.977B	0.833	0.594	0.424	0.043	0.026	0.211	0.331A	---	---	22
23	---	---	1.01 B	0.821	0.428	0.428	0.049	0.025	0.220	0.330E	---	---	23
24	---	---	1.32	0.735	0.337	0.571	0.050	0.022	0.263	0.340E	---	---	24
25	---	---	1.33	0.780	0.310	0.895	0.060	0.020	0.349	0.350E	---	---	25
26	---	---	1.37	0.747	0.344	0.685	0.220	0.018	0.351	0.350E	---	---	26
27	---	---	1.19	0.655	0.266	0.362	0.222	0.008	0.319	0.350B	---	---	27
28	---	---	1.11	0.574	0.329	0.182	0.220	0.004	0.285	0.345B	---	---	28
29	---	1.328	1.06	0.488	0.264	0.129	0.267	0.004	0.305	0.344B	---	---	29
30	---		0.881	0.412	0.118	0.085	0.300	0.008	0.293	0.340B	---	---	30
31	---		0.938		0.022		0.303	0.016		0.335B		---	31
TOTAL	---	---	30.928	20.280	11.854	8.898	3.114	2.704	4.389	8.504	---	---	TOTAL
MEAN	---	---	0.988	0.675	0.3..	0.297	0.100	0.087	0.147	0.276	---	---	MEAN
MAX	---	---	1.37	0.913	1.20	1.14	0.303	0.283	0.351	0.380	---	---	MAX
MIN	---	---	0.610	0.181	0.022	0.027	0.038	0.004	0.018	0.153	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.370
MAXIMUM DAILY, 1.378 ON MAR 5
MINIMUM DAILY, 0.004 ON AUG 26
MAXIMUM INSTANTANEOUS,
1.68 AT 20:55 MST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 33 N
LONG 113 32 13 W
DRAINAGE AREA, 2 290 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	269
FEB	---	AUG	234
MAR	2 870	SEP	380
APR	1 750	OCT	735
MAY	1 020	NOV	---
JUN	789	DEC	---

TOTAL DISCHARGE, 7 830 dam³

WINAGAMI LAKE AT SPILLWAY GATES - STATION NO 07BF005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	621.610	621.689	621.636	---	---	621.689	---	---	1
2	---	---	621.586	---	---	---	621.624	---	621.626	621.674	---	---	2
3	---	---	---	---	621.640	---	621.618	621.625	---	---	---	---	3
4	---	---	---	---	---	---	621.618	621.637	621.600	621.671	---	---	4
5	---	---	---	---	---	---	621.624	---	621.576	---	---	---	5
6	---	---	---	621.584	---	---	---	621.652	---	---	---	---	6
7	---	---	---	---	621.580	---	---	621.654	---	---	---	---	7
8	---	---	---	---	---	621.714	621.683	621.637	621.681	---	---	---	8
9	---	---	---	621.592	621.580	---	621.678	---	---	621.684	---	---	9
10	---	---	---	---	---	---	621.676	621.637	---	---	---	---	10
11	---	---	---	---	---	621.726	621.686	621.687	621.676	---	---	---	11
12	---	---	---	---	621.579	---	621.717	---	---	---	---	---	12
13	---	---	---	---	---	---	621.782	---	---	---	---	---	13
14	---	---	---	---	621.578	621.656	---	621.646	621.635	---	---	---	14
15	---	---	---	---	621.579	621.656	---	621.679	---	---	---	---	15
16	---	---	---	621.612	---	---	---	---	621.625	---	---	---	16
17	---	---	---	---	---	---	621.672	621.656	---	---	---	---	17
18	---	---	---	---	621.609	---	---	621.636	---	---	---	---	18
19	---	---	621.586	---	---	---	---	---	621.610	---	---	---	19
20	---	---	---	---	---	621.638	---	---	621.727	---	---	---	20
21	---	---	---	---	621.659	621.630	---	621.646	---	---	---	---	21
22	---	---	---	---	---	---	---	621.654	---	---	---	---	22
23	---	---	---	---	621.659	621.618	621.777	621.636	---	---	---	---	23
24	---	---	---	---	---	621.618	---	621.636	621.665	---	---	---	24
25	---	---	---	621.608	621.674	621.608	621.787	---	621.665	621.690	---	---	25
26	---	---	---	---	621.669	621.609	---	---	---	---	---	---	26
27	---	---	---	---	---	621.608	621.787	621.601	621.683	---	---	---	27
28	---	---	621.592	---	621.665	---	---	621.796	---	---	---	---	28
29	---	---	---	---	---	---	---	621.801	---	621.744	---	---	29
30	---	---	---	---	621.667	---	621.800	---	---	---	---	---	30
31	---	---	---	---	---	---	621.790	621.816	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 39 00 N
LONG 116 44 00 W

REGULATED

DRAINAGE AREA
2 350 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WOLF CREEK AT HIGHWAY NO 16A - STATION NO 07AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.693B	0.620B	1.54B	2.86	4.85	2.36	1.14	1.77	7.50	2.35B	1.36 B	1
2	0.450B	0.700B	0.670B	1.69B	3.29	4.45	2.99	1.11	1.73	6.85	2.42B	1.33 B	2
3	0.530B	0.710B	0.730B	1.63B	4.37	4.06	1.93	1.14	1.86	6.54	2.40B	1.27 B	3
4	0.520B	0.700B	0.810B	2.02B	5.45	2.17	1.66	1.20	1.96	6.01	2.30B	1.16 B	4
5	0.500B	0.690B	0.870B	2.57B	9.25	2.33	1.53	1.13	2.05	5.58	2.18B	1.06 B	5
6	0.470B	0.680B	0.860B	3.70B	9.37	5.21	2.07	1.22	2.41	5.13	2.00B	1.04 B	6
7	0.450B	0.660B	0.810B	3.64B	9.62	7.04	2.07	1.12	4.80	4.65	1.85B	1.04 B	7
8	0.420B	0.640B	0.750B	2.82B	9.16	14.9	2.01	1.14	7.66	4.38	1.76B	1.06 B	8
9	0.400B	0.620B	0.800B	2.56B	10.3	16.1	1.84	1.01	8.03	4.15	1.70B	1.07 B	9
10	0.370B	0.610B	0.850B	2.52B	10.5	14.9	1.58	1.03	6.22	3.90	1.65B	1.09 B	10
11	0.339B	0.600B	0.820B	2.41B	8.05	10.7	1.41	1.03	5.50	3.65	1.61B	1.10 B	11
12	0.320B	0.580B	0.730B	2.30B	7.01	8.88	1.46	1.14	7.06	3.46	1.57B	1.09 B	12
13	0.310B	0.550B	0.630B	2.03B	6.74	8.60	1.42	1.08	7.40	3.30	1.56B	1.04 B	13
14	0.310B	0.540B	0.550B	2.30B	6.87	8.02	1.20	1.01	6.74	3.08	1.53B	0.8748	14
15	0.300B	0.520B	0.610B	2.60B	7.15	7.17	0.978	1.18	5.98	2.86	1.50B	0.9359	15
16	0.300B	0.540B	0.640B	4.00B	9.86	6.48	0.854	1.60	5.27	2.75	1.47B	0.9058	16
17	0.300B	0.550B	0.670B	4.73B	27.6	6.11	0.893	1.53	4.76	2.66	1.45B	0.9738	17
18	0.300B	0.580B	0.710B	4.68B	28.3	5.38	0.988	1.11	4.81	2.56B	1.44B	1.03 B	18
19	0.330B	0.640B	0.780B	4.60B	18.7	5.14	0.942	0.865	4.85	2.46B	1.43B	1.05 B	19
20	0.350B	0.690B	0.800B	4.56B	14.3	5.28	1.00	0.822	5.61	2.40B	1.42B	0.9689	20
21	0.400B	0.690B	0.840B	4.46B	12.0	5.40	1.09	0.856	12.2	2.47B	1.40B	0.9119	21
22	0.470B	0.660B	0.890B	3.88	10.5	4.69	1.33	0.918	20.7	2.51B	1.45B	0.8818	22
23	0.500B	0.620B	0.920B	3.96	8.38	4.28	1.39	1.01	19.5	2.54B	1.43B	0.8808	23
24	0.430B	0.580B	0.970B	4.04	8.11	3.88	1.33	1.16	17.6	2.58B	1.40B	0.9018	24
25	0.400B	0.540B	1.00 B	3.76	8.02	3.58	1.24	1.43	15.4	2.54B	1.39B	0.9248	25
26	0.400B	0.530B	1.05 B	3.73	7.61	3.33	1.18	1.82	13.4	2.50B	1.38B	0.9288	26
27	0.420B	0.524B	1.11 B	3.57	7.82	2.81	1.12	1.83	11.7	2.32B	1.36B	0.8868	27
28	0.470B	0.540B	1.15 B	3.52	7.12	2.50	1.31	1.85	10.1	2.22B	1.37B	0.8638	28
29	0.530B	0.580B	1.23 B	3.36	8.77	2.36	1.18	1.78	8.96	2.16B	1.37B	0.8688	29
30	0.580B		1.35 B	3.27	8.36	2.39	1.29	1.70	8.15	2.18B	1.32B	0.9068	30
31	0.640B		1.47 B		8.36		1.23	1.75		2.22B		1.02 B	31
TOTAL	13.018	17.787	25.710	96.81	294.52	182.47	44.808	39.212	332.20	110.35	49.46	31.537	TOTAL
MEAN	0.420	0.612	0.862	3.16	9.50	6.08	1.45	1.26	7.77	3.56	1.65	1.02	MEAN
MAX	0.640	0.710	1.47	4.73	27.6	18.1	2.99	1.85	20.7	7.90	2.42	1.36	MAX
MIN	0.300	0.520	0.590	1.54	2.86	2.17	0.854	0.822	1.73	2.18	1.32	0.863	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.11
MAXIMUM DAILY, 4[illegible] ON MAY 17
MINIMUM DAILY, 0.30[illegible] ON JAN 15

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 35 55 N
LONG 116 15 15 W
DRAINAGE AREA 829 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 120	JUL	3 870
FEB	1 530	AUG	3 380
MAR	2 310	SEP	20 100
APR	8 190	OCT	9 530
MAY	25 400	NOV	4 280
JUN	15 800	DEC	2 720

TOTAL DISCHARGE, 98 200 dam³

WOLF RIVER AT OUTLET OF WOLF LAKE - STATION NO 06AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 1098	0 1108	0 1436	0 1398	0 680	2 60	1 55 E	0 590E	0 006	0 008	0 0288	0 2198	1
2	0 1118	0 1308	0 1418	0 1458	0 774	2 98	1 46 E	0 567A	0 004	0 006	0 0318	0 2198	2
3	0 1128	0 1508	0 1378	0 1468	0 668	3 12	1 35 E	0 525	0 005	0 008	0 0348	0 2178	3
4	0 1098	0 1585	0 1368	0 1498	0 593	3 33	1 21 E	0 453	0 005	0 008	0 0378	0 2138	4
5	0 1098	0 1628	0 1358	0 1548	0 544	3 54A	1 15 E	0 418	0 004	0 008	0 0378	0 187	5
6	0 1048	0 1678	0 1348	0 1658	0 508	3 65E	1 08 E	0 398	0 003	0 008	0 0388	0 182	6
7	0 1058	0 1738	0 1338	0 197	0 488	3 76E	1 01 E	0 375	0 008	0 006	0 040	0 203	7
8	0 1108	0 1778	0 1328	0 213	0 467	3 82E	0 980E	0 310	0 013	0 006	0 045	0 195	8
9	0 1108	0 1858	0 1308	0 230	0 440	3 87E	0 965E	0 308	0 018	0 007	0 047	0 196	9
10	0 1128	0 1928	0 1288	0 242A	0 415	3 87E	0 955E	0 278	0 018	0 006	0 053	0 191	10
11	0 1138	0 1968	0 1348	0 274E	0 390	3 83E	0 950E	0 244	0 017	0 008	0 057	0 1938	11
12	0 1148	0 2008	0 1398	0 308E	0 376	3 77E	0 945E	0 229	0 018	0 008	0 061	0 1868	12
13	0 1128	0 2018	0 1468	0 337E	0 361	3 62E	0 930E	0 210	0 019	0 008	0 072	0 1808	13
14	0 1108	0 1998	0 1668	0 368E	0 376	3 50E	0 915E	0 192	0 021	0 007	0 093	0 1768	14
15	0 1048	0 1998	0 1668	0 369	0 361	3 35E	0 890E	0 192	0 023	0 003A	0 113	0 1708	15
16	0 1008	0 1968	0 1708	0 394	0 347	3 20E	0 855E	0 185	0 020	0 006E	0 124	0 1618	16
17	0 0958	0 1978	0 1668	0 413	0 375	3 01E	0 825E	0 158	0 019	0 010E	0 132	0 1568	17
18	0 0908	0 1958	0 1658	0 437	0 446	2 95E	0 815E	0 147	0 021	0 022E	0 138	0 1548	18
19	0 0888	0 1858	0 1648	0 486	0 814	2 75E	0 810E	0 124	0 020	0 028E	0 144	0 1548	19
20	0 0848	0 1848	0 1578	0 548	0 965	2 62E	0 800E	0 112	0 019	0 031E	0 1498	0 1558	20
21	0 0818	0 1788	0 1528	0 580	1 29	2 40E	0 805E	0 103	0 018	0 029E	0 1548	0 1608	21
22	0 0808	0 1738	0 1538	0 582	1 51	2 18E	0 815E	0 100	0 017	0 025E	0 1778	0 1638	22
23	0 0818	0 1688	0 1528	0 587	1 73	2 14E	0 815E	0 074	0 017	0 024E	0 1978	0 1648	23
24	0 0818	0 1658	0 1548	0 591	1 86	2 08E	0 810E	0 065	0 017	0 025E	0 2128	0 1728	24
25	0 0828	0 1638	0 1488	0 578	2 04	2 02E	0 790E	0 052	0 016	0 025E	0 2208	0 1768	25
26	0 0848	0 1618	0 1468	0 585	2 18	1 95E	0 760E	0 040	0 013	0 025E	0 2228	0 1818	26
27	0 0878	0 1578	0 1588	0 626	2 22	1 85E	0 730E	0 030	0 011	0 025E	0 2238	0 1888	27
28	0 0898	0 1528	0 1418	0 641	2 27	1 78E	0 700E	0 014	0 011	0 024E	0 2228	0 1908	28
29	0 0948	0 1468	0 1398	0 647	2 26	1 67E	0 670E	0 006	0 011	0 027E	0 2208	0 1928	29
30	0 0968		0 1338	0 673	2 27	1 64E	0 630E	0 006	0 008	0 027E	0 2198	0 1948	30
31	0 1038		0 1368		2 26		0 605E	0 006		0 028E		0 1988	31
TOTAL	3 059	5 028	4 510	11 807	32 496	88 80	28 575	5 512	0 415	0 478	3 539	5 689	TOTAL
MEAN	0 099	0 173	0 145	0 394	1 05	2 89	0 922	0 210	0 014	0 015	0 118	0 184	MEAN
MAX	0 114	0 201	0 170	0 673	2 27	3 87	1 55	0 590	0 023	0 031	0 223	0 219	MAX
MIN	0 080	0 110	0 126	0 139	0 347	1 64	0 605	0 006	0 003	0 003	0 078	0 154	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 516
MAXIMUM DAILY 3 87E ON JUN 5
MINIMUM DAILY 0 003 ON SEP 6

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 47 N
LONG 111 00 15 W
DRAINAGE AREA 725 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	284	JUL	2 470
FEB	434	AUG	563
MAR	390	SEP	35 9
APR	1 020	OCT	41 3
MAY	2 810	NOV	306
JUN	7 500	DEC	492

TOTAL DISCHARGE 16 300 dam³

WOLVERINE CREEK NEAR VALLEYVIEW - STATION NO 07GF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 0308	0 055	0 031	0 007	0	0 001	0 004	---	---	1
2	---	---	---	0 0368	0 051	0 027	0 005	0 001	0	0 004	---	---	2
3	---	---	---	0 2138	0 051	0 014	0 005	0 001	0	0 004	---	---	3
4	---	---	---	0 1288	0 044	0 011	0 003	0 001	0	0 005	---	---	4
5	---	---	---	0 1038	0 030	0 014	0 003	0	0 001	0 005	---	---	5
6	---	---	---	0 0348	0 031	0 037	0 003	0	0 020	0 005	---	---	6
7	---	---	---	0 0368	0 023	0 049	0 004	0	0 025	0 005	---	---	7
8	---	---	---	0 0598	0 015	0 133	0 005	0	0 013	0 004	---	---	8
9	---	---	---	0 0268	0 034	0 179	0 005	0 036	0 008	0 004	---	---	9
10	---	---	---	0 0438	0 089	0 083	0 004	0 008	0 006	0 005	---	---	10
11	---	---	---	0 0182	0 112	0 041	0 004	0 002	0 008	0 005	---	---	11
12	---	---	---	0 007	0 087	0 047	0 003	0 001	0 009	0 005	---	---	12
13	---	---	---	0 005	0 070	0 046	0 003	0 002	0 006	0 004	---	---	13
14	---	---	---	0 006	0 046	0 022	0 002	0 002	0 008	0 008	---	---	14
15	---	---	---	0 007	0 080	0 013	0 002	0 002	0 008	0 007	---	---	15
16	---	---	---	0 008	0 392	0 015	0 001	0 001	0 008	0 006	---	---	16
17	---	---	---	0 007	0 946	0 011	0 001	0 001	0 008	0 009	---	---	17
18	---	---	---	0 005	0 681	0 009E	0 001	0 001	0 008	0 0208	---	---	18
19	---	---	0 0038	0 005	0 356	0 007E	0 001	0 001	0 006	0 0208	---	---	19
20	---	---	0 0218	0 005	0 230	0 006E	0 001	0 001	0 005	0 0148	---	---	20
21	---	---	0 0098	0 005	0 224	0 005E	0 001	0 001	0 005	0 0118	---	---	21
22	---	---	0 0138	0 005	0 270	0 004E	0 001	0 001	0 006	0 0108	---	---	22
23	---	---	0 0188	0 004	0 259	0 004E	0 001	0 001	0 005	0 0148	---	---	23
24	---	---	0 0248	0 007	0 220	0 003E	0	0 001	0 007	0 0348	---	---	24
25	---	---	0 0388	0 016	0 154	0 003E	0	0 001	0 007	0 0298	---	---	25
26	---	---	0 0118	0 033	0 109	0 002	0	0 001	0 007	0 0308	---	---	26
27	---	---	0 0228	0 048	0 083	0 002	0	0	0 006	0 0318	---	---	27
28	---	---	0 0258	0 073	078	0 002	0	0 001	0 005	0 0318	---	---	28
29	---	---	0 0198	0 083	0 068	0 004	0	0	0 004	0 0308	---	---	29
30	---		0 0238	0 068	0 033	0 016	0	0	0 005	0 0298	---	---	30
31	---		0 0288		0 024		0	0		0 0288		---	31
TOTAL	---	---	---	1 123	4 956	0 840	B 066	B 088	0 207	0 420	---	---	TOTAL
MEAN	---	---	---	0 037	0 160	0 028	B 002	0 002	0 007	0 014	---	---	MEAN
MAX	---	---	---	0 213	0 946	0 179	0 007	0 036	0 025	0 034	---	---	MAX
MIN	---	---	---	0 004	0 015	B 002	B	0	0	0 004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0 946 ON MAY 17
MINIMUM DAILY 0 ON JUL 24
MAXIMUM INSTANTANEOUS
0 974 AT 15 55 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 17 N
LONG 119 48 32 W
DRAINAGE AREA 11 1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 70
FEB	---	AUG	5 84
MAR	---	SEP	17 9
APR	87 0	OCT	36 3
MAY	428	NOV	---
JUN	72 6	DEC	---

WINAGAMI LAKE AT SPILLWAY GATES - STATION NO 07BF006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	621.810	621.689	621.638	---	---	621.689	---	---	1
2	---	---	621.588	---	---	---	621.628	---	621.826	621.674	---	---	2
3	---	---	---	---	621.840	---	621.618	621.825	---	---	---	---	3
4	---	---	---	---	---	---	621.618	621.837	621.800	621.671	---	---	4
5	---	---	---	---	---	---	621.628	---	621.876	---	---	---	5
6	---	---	---	621.584	---	---	---	621.852	---	---	---	---	6
7	---	---	---	---	621.590	---	---	621.854	---	---	---	---	7
8	---	---	---	---	---	621.714	621.683	621.837	621.881	---	---	---	8
9	---	---	---	621.592	621.580	---	621.678	---	---	621.664	---	---	9
10	---	---	---	---	---	---	621.678	621.837	---	---	---	---	10
11	---	---	---	---	---	621.728	621.688	621.887	621.876	---	---	---	11
12	---	---	---	---	621.579	---	621.717	---	---	---	---	---	12
13	---	---	---	---	---	---	621.752	---	---	---	---	---	13
14	---	---	---	---	621.578	621.658	---	621.846	621.835	---	---	---	14
15	---	---	---	---	621.579	621.658	---	621.879	---	---	---	---	15
16	---	---	---	621.612	---	---	---	---	621.825	---	---	---	16
17	---	---	---	---	---	---	621.872	621.855	---	---	---	---	17
18	---	---	---	---	621.605	---	---	621.838	---	---	---	---	18
19	---	---	621.586	---	---	---	---	---	621.810	---	---	---	19
20	---	---	---	---	---	621.638	---	---	621.727	---	---	---	20
21	---	---	---	---	621.659	621.630	---	621.848	---	---	---	---	21
22	---	---	---	---	---	---	---	621.954	---	---	---	---	22
23	---	---	---	---	621.659	621.618	621.777	621.836	---	---	---	---	23
24	---	---	---	---	---	621.618	---	621.836	621.665	---	---	---	24
25	---	---	---	621.608	621.674	621.608	621.767	---	621.665	621.690	---	---	25
26	---	---	---	---	621.669	621.605	---	---	---	---	---	---	26
27	---	---	---	---	---	621.608	621.787	621.801	621.883	---	---	---	27
28	---	---	621.592	---	621.665	---	---	621.798	---	---	---	---	28
29	---	---	---	---	---	---	---	621.801	---	621.744	---	---	29
30	---	---	---	---	621.667	---	621.800	---	---	---	---	---	30
31	---		---		---		621.790	621.818		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 36 00 N
LONG 118 44 00 W

REGULATED

DRAINAGE AREA,
2 350 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WOLF CREEK AT HIGHWAY NO 16A - STATION NO 07AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.593B	0.620B	1.54E	2.86	4.65	2.38	1.14	1.77	7.50	2.35E	1.36 E	1
2	0.490B	0.700B	0.670B	1.69E	3.29	4.45	2.99	1.11	1.73	6.95	2.42E	1.33 E	2
3	0.530B	0.710B	0.730B	1.63E	4.37	4.06	1.93	1.14	1.85	6.54	2.40E	1.27 E	3
4	0.520B	0.700B	0.810B	2.02E	5.45	2.17	1.66	1.20	1.86	6.01	2.30E	1.16 E	4
5	0.500B	0.690B	0.870B	2.57E	9.25	2.33	1.53	1.13	2.05	5.58	2.18E	1.06 E	5
6	0.470B	0.680B	0.860B	2.70E	9.37	5.21	2.07	1.22	2.41	5.13	2.00E	1.04 E	6
7	0.450B	0.660B	0.810B	2.68E	9.62	7.04	2.07	1.12	4.80	4.65	1.85E	1.04 E	7
8	0.420B	0.640B	0.750B	2.82E	9.16	14.9	2.01	1.14	7.66	4.38	1.78E	1.06 E	8
9	0.400B	0.620B	0.800B	2.56E	10.3	18.1	1.84	1.01	8.03	4.15	1.70E	1.07 E	9
10	0.370B	0.610B	0.850B	2.52E	10.5	14.9	1.58	1.03	8.22	3.90	1.65E	1.09 E	10
11	0.339B	0.600B	0.820B	2.41E	8.05	10.7	1.41	1.03	8.50	3.65	1.61E	1.10 E	11
12	0.320B	0.580B	0.730B	2.30E	7.01	8.88	1.46	1.14	7.06	3.45	1.57E	1.09 E	12
13	0.310B	0.560B	0.630B	2.03E	6.74	6.60	1.42	1.08	7.40	3.30	1.56E	1.04 E	13
14	0.310B	0.540B	0.590B	2.30E	6.87	8.02	1.20	1.51	8.74	3.08	1.53E	0.974E	14
15	0.300B	0.520B	0.610B	2.80E	7.15	7.17	0.979	1.18	5.98	2.88	1.50E	0.935E	15
16	0.300B	0.540B	0.640B	4.00E	9.86	6.49	0.854	1.80	5.27	2.75	1.47E	0.905E	16
17	0.300B	0.550B	0.670B	4.72E	27.6	6.11	0.893	1.53	4.76	2.66	1.45E	0.973E	17
18	0.300B	0.580B	0.710B	4.68E	26.3	5.38	0.958	1.11	4.61	2.66E	1.44E	1.03 E	18
19	0.230B	0.640B	0.780B	4.60E	18.7	5.14	0.942	0.865	4.65	2.48E	1.43E	1.05 E	19
20	0.350B	0.680B	0.800B	4.56E	14.3	5.28	1.00	0.822	5.61	2.40E	1.42E	0.988E	20
21	0.400B	0.650B	0.840B	4.48E	12.0	5.40	1.09	0.856	12.2	2.47E	1.40E	0.911E	21
22	0.470B	0.650B	0.890B	3.96	10.5	4.49	1.33	0.919	20.7	2.51E	1.45E	0.891E	22
23	0.500B	0.620B	0.920B	3.96	8.38	4.28	1.38	1.01	19.5	2.54E	1.43E	0.880E	23
24	0.430B	0.580B	0.870B	4.04	8.11	3.88	1.33	1.16	17.5	2.58E	1.40E	0.901E	24
25	0.400B	0.540B	1.00 B	3.76	8.02	3.50	1.24	1.43	15.4	2.54E	1.39E	0.924E	25
26	0.400B	0.530B	1.05 B	3.73	7.61	3.33	1.14	1.82	13.4	2.50E	1.38E	0.928E	26
27	0.420B	0.524B	1.11 B	3.67	7.52	2.81	1.12	1.83	11.7	2.32E	1.38E	0.898E	27
28	0.470B	0.540B	1.15 B	3.52	7.12	2.50	1.31	1.85	10.1	2.23E	1.37E	0.863E	28
29	0.530B	0.580B	1.23 B	3.36	6.77	2.36	1.18	1.78	8.96	2.18E	1.37E	0.869E	29
30	0.580B		1.35 B	3.27	6.38	2.36	1.28	1.70	8.15	2.18E	1.32E	0.906E	30
31	0.640B		1.47 B		5.36		1.23	1.75		2.22E		1.02 E	31
TOTAL	13.018	17.757	28.710	94.81	294.52	182.47	44.806	39.212	233.20	110.35	49.48	31.537	TOTAL
MEAN	0.420	0.612	0.882	3.16	9.50	6.08	1.45	1.26	7.77	3.56	1.65	1.02	MEAN
MAX	0.640	0.710	1.47	4.72	27.6	18.1	2.99	1.85	20.7	7.50	2.42	1.36	MAX
MIN	0.300	0.520	0.590	1.54	2.86	2.17	0.854	0.822	1.73	2.18	1.32	0.863	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.11
MAXIMUM DAILY, 27.6 ON MAY 17
MINIMUM DAILY, 0.300B ON JAN 15

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 35 55 N
LONG 118 18 15 W
DRAINAGE AREA, 629 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 120	JUL	3 870
FEB	1 530	AUG	3 380
MAR	2 310	SEP	20 100
APR	8 190	OCT	9 530
MAY	25 400	NOV	4 280
JUN	15 800	DEC	2 720

TOTAL DISCHARGE, 98 200 dam³

WOLF RIVER AT OUTLET OF WOLF LAKE - STATION NO 08AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 109B	0 110B	0 143B	0 139B	0 680	2 60	1 55 E	0 590E	0 008	0 008	0 028B	0 219B	1
2	0 111B	0 130B	0 141B	0 145B	0 774	2 98	1 48 E	0 567A	0 004	0 008	0 031B	0 219B	2
3	0 112B	0 150B	0 137B	0 145B	0 868	3 12	1 35 E	0 535	0 005	0 008	0 034B	0 217B	3
4	0 109B	0 158B	0 136B	0 149B	0 593	3 33	1 21 E	0 453	0 005	0 007B	0 037B	0 213B	4
5	0 109B	0 162B	0 135B	0 154B	0 544	3 64A	1 15 E	0 415	0 004	0 006	0 037B	0 187	5
6	0 104B	0 167B	0 134B	0 165B	0 508	3 85E	1 05 E	0 398	0 003	0 005	0 038B	0 192	6
7	0 105B	0 173B	0 133B	0 197	0 488	3 78E	1 01 E	0 375	0 006	0 007	0 040	0 203	7
8	0 110B	0 177B	0 132B	0 213	0 467	3 83E	0 980E	0 310	0 013	0 008	0 045	0 195	8
9	0 110B	0 185B	0 130B	0 230	0 440	3 87E	0 965E	0 308	0 015	0 007	0 047	0 195	9
10	0 112B	0 192B	0 128B	0 242A	0 415	3 87E	0 955E	0 278	0 018	0 006	0 053	0 191	10
11	0 113B	0 198B	0 134B	0 274E	0 390	3 83E	0 950E	0 244	0 017	0 008	0 057	0 193B	11
12	0 114B	0 200B	0 139B	0 305E	0 376	3 77E	0 945E	0 229	0 018	0 008	0 061	0 188B	12
13	0 112B	0 201B	0 148B	0 337E	0 381	3 62E	0 930E	0 210	0 019	0 008	0 072	0 180B	13
14	0 110B	0 199B	0 158B	0 368E	0 378	3 50E	0 915E	0 192	0 021	0 007	0 093	0 176B	14
15	0 104B	0 199B	0 168B	0 389	0 351	3 38E	0 890E	0 192	0 023	0 003A	0 113	0 170B	15
16	0 100B	0 198B	0 170B	0 394	3 347	3 20E	0 855E	0 185	0 020	0 006E	0 124	0 161B	16
17	0 095B	0 197B	0 168B	0 413	0 375	3 01E	0 825E	0 158	0 019	0 010E	0 132	0 158B	17
18	0 090B	0 195B	0 165B	0 437	0 648	2 98E	0 815E	0 147	0 021	0 022E	0 138	0 154B	18
19	0 088B	0 189B	0 164B	0 486	0 814	2 75E	0 810E	0 124	0 020	0 028E	0 144	0 154B	19
20	0 084B	0 184B	0 157B	0 548	0 965	2 62E	0 800E	0 112	0 019	0 031E	0 149B	0 155B	20
21	0 081B	0 179B	0 152B	0 580	1 29	2 40E	0 805E	0 103	0 019	0 029E	0 154B	0 160B	21
22	0 080B	0 173B	0 153B	0 582	1 51	2 18E	0 815E	0 100	0 017	0 025B	0 177B	0 163B	22
23	0 081B	0 168B	0 152B	0 567	1 73	2 14E	0 815E	0 074	0 017	0 024B	0 197B	0 168B	23
24	0 081B	0 165B	0 154B	0 581	1 86	2 08E	0 810E	0 065	0 017	0 025B	0 212B	0 172B	24
25	0 082B	0 163B	0 148B	0 579	2 04	2 02E	0 790E	0 052	0 018	0 025B	0 220B	0 178B	25
26	0 084B	0 161B	0 144B	0 589	2 18	1 95E	0 780E	0 040	0 013	0 025B	0 222B	0 181B	26
27	0 087B	0 157B	0 146B	0 628	2 22	1 85E	0 730E	0 030	0 011	0 025B	0 223B	0 186B	27
28	0 089B	0 152B	0 141B	0 641	2 27	1 78E	0 700E	0 014	0 011	0 026B	0 222B	0 190B	28
29	0 094B	0 148B	0 139B	0 647	2 26	1 67E	0 670E	0 008	0 011	0 027B	0 220B	0 192B	29
30	0 098B		0 133B	0 673	2 27	1 64E	0 630E	0 008	0 008	0 027B	0 219B	0 194B	30
31	0 103B		0 136B		2 26		0 605E	0 008		0 028B		0 196B	31
TOTAL	3 059	5 028	4 510	11 807	32 498	86 80	28 575	8 512	0 415	0 478	3 539	5 699	TOTAL
MEAN	0 099	0 173	0 145	0 394	1 05	2 89	0 922	0 210	0 014	0 015	0 118	0 184	MEAN
MAX	0 114	0 201	0 170	0 673	2 27	3 87	1 55	0 590	0 023	0 031	0 223	0 219	MAX
MIN	0 080	0 110	0 128	0 139	0 347	1 64	0 805	0 008	0 003	0 003	0 028	0 154	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 516
MAXIMUM DAILY 3 87E ON JUN 5
MINIMUM DAILY 0 003 ON SEP 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 42 47 N
LONG 111 00 15 W
DRAINAGE AREA 725 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	264	JUL	2 470
FEB	424	AUG	583
MAR	390	SEP	35 9
APR	1 020	OCT	41 3
MAY	2 810	NOV	306
JUN	7 500	DEC	492

TOTAL DISCHARGE 16 300 dam³

WOLVERINE CREEK NEAR VALLEYVIEW - STATION NO 07GF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 030B	0 055	0 031	0 007	0	0 001	0 004	---	---	1
2	---	---	---	0 038B	0 051	0 027	0 005	0 001	0	0 004	---	---	2
3	---	---	---	0 213B	0 051	0 014	0 005	0 001	0	0 004	---	---	3
4	---	---	---	0 178B	0 044	0 011	0 003	0 001	0	0 005	---	---	4
5	---	---	---	0 103B	0 030	0 014	0 003	0	0 001	0 005	---	---	5
6	---	---	---	0 034B	0 031	0 037	0 003	0	0 020	0 005	---	---	6
7	---	---	---	0 038B	0 023	0 049	0 004	0	0 025	0 005	---	---	7
8	---	---	---	0 059B	0 015	0 133	0 005	0	0 013	0 004	---	---	8
9	---	---	---	0 026B	0 034	0 179	0 005	0 038	0 008	0 004	---	---	9
10	---	---	---	0 043B	0 089	0 083	0 004	0 008	0 005	0 005	---	---	10
11	---	---	---	0 018B	0 112	0 041	0 004	0 002	0 008	0 005	---	---	11
12	---	---	---	0 007	0 087	0 047	0 003	0 001	0 008	0 005	---	---	12
13	---	---	---	0 005	0 070	0 046	0 003	0 002	0 008	0 004	---	---	13
14	---	---	---	0 006	0 048	0 022	0 002	0 002	0 008	0 008	---	---	14
15	---	---	---	0 007	0 080	0 013	0 002	0 002	0 008	0 007	---	---	15
16	---	---	---	0 008	0 392	0 015	0 001	0 001	0 008	0 006	---	---	16
17	---	---	---	0 007	0 946	0 011	0 001	0 001	0 008	0 005	---	---	17
18	---	---	---	0 005	0 681	0 009E	0 001	0 001	0 008	0 020B	---	---	18
19	---	---	0 003B	0 005	0 356	0 007E	0 001	0 001	0 008	0 020B	---	---	19
20	---	---	0 021B	0 005	0 230	0 006E	0 001	0 001	0 005	0 014B	---	---	20
21	---	---	0 009B	0 005	0 224	0 005E	0 001	0 001	0 005	0 011B	---	---	21
22	---	---	0 013B	0 005	0 270	0 004E	0 001	0 001	0 006	0 010B	---	---	22
23	---	---	0 016B	0 004	0 269	0 004E	0 001	0 001	0 005	0 014B	---	---	23
24	---	---	0 028B	0 007	0 220	0 003E	0	0 001	0 007	0 034B	---	---	24
25	---	---	0 038B	0 018	0 154	0 003E	0	0 001	0 007	0 029B	---	---	25
26	---	---	0 011B	0 033	0 109	0 002	0	0 001	0 007	0 030B	---	---	26
27	---	---	0 022B	0 048	0 093	0 002	0	0	0 006	0 031B	---	---	27
28	---	---	0 025B	0 073	0 078	0 002	0	0 001	0 005	0 031B	---	---	28
29	---	---	0 019B	0 083	0 069	0 004	0	0	0 004	0 030B	---	---	29
30	---		0 023B	0 068	0 033	0 015	0	0	0 005	0 029B	---	---	30
31	---		0 028B		0 024		0	0		0 028B		---	31
TOTAL	---	---	---	1 123	4 556	0 840	0 056	0 068	0 207	0 430	---	---	TOTAL
MEAN	---	---	---	0 037	0 180	0 028	0 002	0 002	0 007	0 014	---	---	MEAN
MAX	---	---	---	0 213	0 946	0 179	0 007	0 038	0 025	0 034	---	---	MAX
MIN	---	---	---	0 004	0 015	0 002	0	0		0 004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY 0 946 ON MAY 17
MINIMUM DAILY 0 ON JUL 24
MAXIMUM INSTANTANEOUS
0 974 AT 15 55 MST ON MAY 17

DATA CONTRIBUTED BY -
ALBERTA DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 17 N
LONG 117 48 32 W
DRAINAGE AREA 11 1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 70
FEB	---	AUG	5 88
MAR	---	SEP	17 8
APR	97 0	OCT	36 3
MAY	438	NOV	---
JUN	72 6	DEC	---

YOUNG DRAINAGE PROJECT NEAR SPIRIT RIVER - STATION NO 07FD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.1158	0	0	0.051	0	0	0	---	---	1
2	---	---	---	0	0	0	0.010	0	0	0	---	---	2
3	---	---	---	0	0	0	0	0	0	0	---	---	3
4	---	---	---	0	0	0	0	0	0	0	---	---	4
5	---	---	---	0	0	0	0	0	0	0	---	---	5
6	---	---	---	0	0	0	0	0	0	0	---	---	6
7	---	---	---	0	0	0.057	0	0	0	0	---	---	7
8	---	---	---	0	0	0.106	0	0	0	0	---	---	8
9	---	---	---	0	0	0.047	0	0	0	0	---	---	9
10	---	---	---	0	0	0.011	0	0	0	0	---	---	10
11	---	---	---	0	0	0	0	0	0	0	---	---	11
12	---	---	---	0	0	0	0	0	0	0	---	---	12
13	---	---	---	0	0	0	0	0	0	0	---	---	13
14	---	---	---	0	0	0	0	0	0	0	---	---	14
15	---	---	---	0	0	0	0	0	0	0	---	---	15
16	---	---	0.0018	0	0.016	0	0	0	0	0	---	---	16
17	---	---	---	0	0.064	0	0	0	0	0	---	---	17
18	---	---	---	0	0.021	0	0	0	0	0	---	---	18
19	---	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	0.2628	0	0	0	0	0	0	0	---	---	20
21	---	---	0.1308	0	0.013	0	0	0	0	0	---	---	21
22	---	---	0.0738	0	0.021	0	0	0	0	0	---	---	22
23	---	---	0.0448	0	0.006	0	0	0	0	08	---	---	23
24	---	---	0.0318	0	0	0	0	0	0	08	---	---	24
25	---	---	0.0318	0	0	0	0	0	0	08	---	---	25
26	---	---	0.0328	0	0	0	0	0	0	08	---	---	26
27	---	---	0.0278	0	0	0	0	0	0	08	---	---	27
28	---	---	0.0588	0	0	0	0	0	0	08	---	---	28
29	---	---	0.0898	0	0	0	0	0	0	08	---	---	29
30	---		0.1338	0	0	0.075	0	0	0	08	---	---	30
31	---		0.1628		0		0	0		08		---	31
TOTAL	---	---	---	0.115	0.139	0.306	0.061	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.004	0.004	0.010	0.002	0	0	0	---	---	MEAN
MAX	---	---	---	0.115	0.064	0.106	0.051	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.2628 ON MAR 20
MINIMUM DAILY, 0 ON APR 2
MAXIMUM INSTANTANEOUS,
0.449 AT 15 37 MST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 18 00 N
LONG 118 47 00 W
DRAINAGE AREA, 31.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.27
FEB	---	AUG	0
MAR	---	SEP	0
APR	9.94	OCT	0
MAY	12.0	NOV	---
JUN	26.4	DEC	---

NAME	STATION NO	PAGE
ADAMS CREEK NEAR KINUSO	07BJ004	1
ALKALI CREEK NEAR THE MOUTH	05CK005	1
AMISK CREEK NEAR SMONTS	05EB016	2
AMISK RIVER AT HIGHWAY NO 36	06AA002	2
ANTELOPE COULEE SPILLWAY	05BN010	3
ATHABASCA RIVER ABOVE FLETCHER CHANNEL	07DD010	3
ATHABASCA RIVER ABOVE JACKFISH CREEK	07DD007	4
ATHABASCA RIVER AT ATHABASCA	07BE001	4
ATHABASCA RIVER AT EMBARRAS AIRPORT	07DD001	5
ATHABASCA RIVER AT HINTON	07AD002	5
ATHABASCA RIVER BELOW MCMURRAY	07DA001	6
ATHABASCA RIVER NEAR JASPER	07AA002	6
ATHABASCA RIVER NEAR OLD FORT	07DD011	7
ATHABASCA RIVER NEAR WINDFALL	07AE001	7
ATIM CREEK NEAR SPRUCE GROVE	05EA009	8
ATIMOSWE CREEK NEAR ELK POINT	05ED002	8
ATLAS MINE COULEE AT WESTERN MONARCH	05CG005	9
BABETTE CREEK NEAR COLINTON	07CA008	9
BAPTISTE LAKE NEAR ATHABASCA	07BE002	10
BARE CREEK RESERVOIR NEAR ELKWATER	11AB094	10
BARRIER LAKE NEAR SEEBE	05BF024	11
BATTERSEA DRAIN NEAR THE MOUTH	05AD038	11
BATTLE RIVER ABOVE PIPESTONE CREEK	06FA023	12
BATTLE RIVER NEAR FORESTBURG	05FC001	12
BATTLE RIVER NEAR PONOKA	05FA001	13
BATTLE RIVER NEAR THE SASKATCHEWAN BOUNDARY	05FE004	13
BEAR CREEK NEAR INTERNATIONAL BOUNDARY	11AA028	14
BEAR LAKE NEAR CLAIRMONT	07GE004	14
BEAR RIVER NEAR GRANDE PRAIRIE	07GE005	15
BEARBERRY CREEK NEAR SUNDRE	05CA011	15
BEAVER CREEK NEAR BROCKET	05AB013	16
BEAVER LAKE AT RANGER STATION	06AA003	16
BEAVER RIVER ABOVE SYNCRUDE	07DA018	17
BEAVER RIVER AT COLD LAKE RESERVE	06AD006	17
BEAVER RIVER NEAR GOODRIDGE	06AA001	18
BEAVERDAM CREEK NEAR COCHRANE	05CB005	18
BEAVERHILL CREEK NEAR THE MOUTH	05EB015	19
BEAVERLODGE RIVER NEAR BEAVERLODGE	07GD001	19
BEAVERTAIL CREEK NEAR HYTHE	07GD002	20
BEDDINGTON CREEK NEAR CALGARY	05BH004	20
BELLY - ST MARY DIVERSION CANAL	05AD021	21
BELLY RIVER NEAR MOUNTAIN VIEW	05AD005	21
BELLY RIVER NEAR STAND OFF	05AD002	22
BERRY CREEK BELOW DEADFISH CREEK	05CH018	22
BERRY CREEK NEAR ROSE LYNN	05CH008	23
BERRY CREEK NEAR THE MOUTH	05CH007	23
BERRY CREEK RESERVOIR NEAR SUNNYNOOK	05CH014	24
BERRY CREEK RESERVOIR OUTLET	05CH011	24
BIGELOW RESERVOIR NEAR WIMBORNE	05CE901	25
BIGKNIFE CREEK NEAR GADSBY	05FC002	25
BIRCH RIVER BELOW ALICE CREEK	07KE001	26
BLACKMUD CREEK NEAR ELLERSLIE	03DF003	26
BLINDMAN RIVER NEAR BLACKFALDS	05CC001	27
BLINDMAN RIVER NEAR BLUFFTON	05CC008	27
BLOOD INDIAN CREEK NEAR CABIN LAKE	05CK007	28
BLOOD INDIAN CREEK NEAR THE MOUTH	05CK001	28
BOUNTIFUL COULEE INFLOW NEAR CRANFORD	05AG028	29
BOUNTIFUL COULEE NEAR CRANFORD	05AG008	29
BOW RIVER AT BANFF	05BB001	30
BOW RIVER AT CALGARY	05BH004	30
BOW RIVER AT CANMORE	05BE004	31
BOW RIVER AT LAKE LOUISE	05BA001	31
BOW RIVER BELOW BASSANO DAM	05BM004	32
BOW RIVER BELOW BEARSPAW DAM	05BM008	32
BOW RIVER BELOW CARSELAND DAM	05BM002	33
BOW RIVER BELOW GHOST DAM	05BE005	33
BOW RIVER DEVELOPMENT DRAIN A NEAR HAYS	05AG004	34
BOW RIVER DEVELOPMENT DRAIN D NEAR VAUXHALL	05BN008	34
BOW RIVER DEVELOPMENT DRAIN E NEAR VAUXHALL	05BN023	35
BOW RIVER DEVELOPMENT DRAIN K NEAR VAUXHALL	05BN009	35
BOW RIVER DEVELOPMENT DRAIN Y NEAR HAYS	05AG005	36
BOW RIVER DEVELOPMENT MAIN CANAL	05AC004	36
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